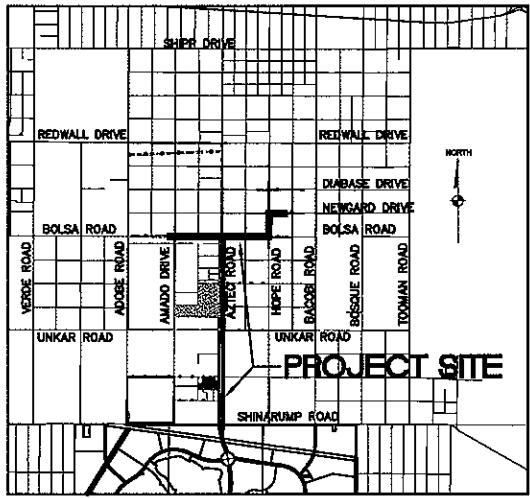
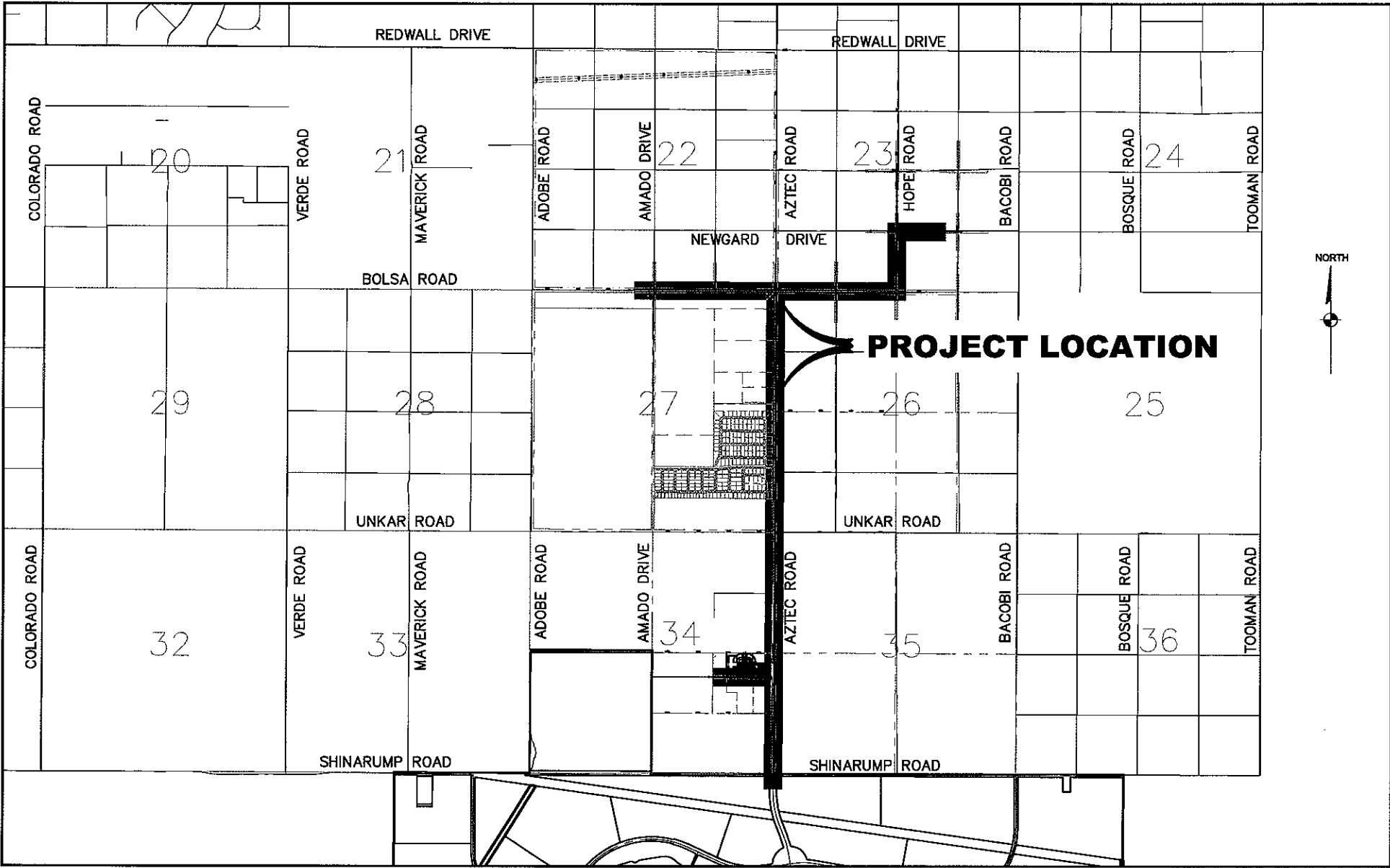


OFFSITE WATER TRANSMISSION LINE - IMPROVEMENT FOR GOLDEN VALLEY RANCH, RHODES HOMES ARIZONA, LLC



VICINITY MAP

ENGINEERS ESTIMATED QUANTITIES

WATER

ITEM	QUANTITY
24" D.I.P. WATER LINE	23,282 LF
24" BUTTERFLY VALVE	9 EA
24" X 24" X 12" TEE	2 EA
24" X 24" X 6" TEE	1 EA
24" X 24" X 6" TEE	4 EA
24" X 12" X 12" TEE	1 EA
24" CAP WITH BLOW-OFF PER M.A.G. STD. DTL. # 390	3 EA
24" 90° BEND	7 EA
12" C900 PVC WATER LINE	1,389 LF
12" GATE VALVE	7 EA
12" CAP WITH BLOW-OFF PER M.A.G. STD. DTL. # 390	6 EA
12" X 12" X 12" TEE	2 EA
12" X 12" X 6" TEE	1 EA
12" X 12" X 6" TEE	2 EA
6" C900 PVC WATER LINE	100 LF
6" GATE VALVE	2 EA
6" CAP WITH BLOW-OFF PER M.A.G. STD. DTL. # 390	2 EA
6" C900 PVC WATER LINE	360 LF
6" GATE VALVE	6 EA
6" CAP WITH BLOW-OFF PER M.A.G. STD. DTL. # 390	6 EA
FIRE HYDRANT ASSEMBLY PER M.A.G. STD. DTL. # 390	0 EA

NOTE: QUANTITIES SHOWN ARE APPROXIMATIONS ONLY.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR
CALCULATING THE EXACT QUANTITIES.

LEGAL DESCRIPTION

A DIVISION OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4
OF SECTION 34, TOWNSHIP 21 NORTH, RANGE 18 WEST,
GILA AND SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA

BASIS OF BEARINGS

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4)
OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER
MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA
COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT,
UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N,
LONGITUDE 114°09'21.57240"W (NAD '83)
HEIGHT 2562.463911ft (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N,
LONGITUDE 114°10'58.58309"W (NAD '83)
HEIGHT 2466.568241ft (NAVD'88)

SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N,
LONGITUDE 114°10'59.03545"W (NAD '83)
HEIGHT 2505.655361ft (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D.
ELEVATION= 2662.0141ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999
"RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD
& BOLSA DRIVE.

SHEET INDEX

COVER	COVER SHEET	1 OF 31
G-1	GENERAL NOTES AND ABBREVIATIONS	2 OF 31
PP-1 TO PP-11	AZTEC ROAD PLAN AND PROFILE	3 TO 13 OF 31
PP-12 TO PP-13	DORA DRIVE PLAN AND PROFILE	14 TO 15 OF 31
PP-14 TO PP-19	BOLSA ROAD PLAN AND PROFILE	16 TO 21 OF 31
PP-20 TO PP-21	HOPE ROAD PLAN AND PROFILE	22 TO 23 OF 31
PP-22 TO PP-23	NEWGARD DRIVE PLAN AND PROFILE	24 TO 25 OF 31
DT-1 TO DT-6	DETAIL SHEETS	26 TO 31 OF 31

UTILITIES

SEWAGE DISPOSAL:	(TO BE DETERMINED)	
WATER:	(TO BE DETERMINED)	
ELECTRICITY:	UNISOURCE ENERGY	2498 AIRWAY AVENUE (928) 681-4129
TELEPHONE:	FRONTIER COMM.	2202 STOCKTON HILL (928) 753-3000
GAS:	UNISOURCE ENERGY	2498 AIRWAY AVENUE (928) 681-4129
SOLID WASTE COLLECT:	WASTE MANAGEMENT	3250 GATLIN DRIVE (928) 718-4900
SOLID WASTE DISPOSAL:	MOHAVE COUNTY	201 N. 4TH STREET (928) 753-0723
FIRE PROTECTION:	GOLDEN VALLEY DIST.	3327 N. MAYER RD. (928) 565-3479

DEVELOPER

RHODES HOMES ARIZONA LLC
2215 HUALAPAI MTN. RD.
SUITE H
KINGMAN, ARIZONA 86401
(928) 718-2210

ENGINEER / SURVEYOR

STANLEY CONSULTANTS, INC.
5820 S. EASTERN AVENUE
SUITE 200
LAS VEGAS, NEVADA 89119
(702) 369-9396

NOT FOR CONSTRUCTION

PRELIMINARY



SCALE (H) N.T.S.	SCALE (V) N.T.S.	DRAWN BY ENG	CHECKED BY DLA	DATE 11/22/05
------------------	------------------	--------------	----------------	---------------

SCALE (H) N.T.S.	SCALE (V) N.T.S.	DRAWN BY ENG	CHECKED BY DLA	DATE 11/22/05
------------------	------------------	--------------	----------------	---------------

5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9396 Fax (702) 369-9793
www.stanleygroup.com



STANLEY CONSULTANTS, INC.

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE
COVER SHEET
MOHAVE COUNTY
ARIZONA

SHEET
G-1
1 OF 31 SHEETS
SC PROJECT#
18449.07.04

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH M.A.G. STANDARD SPECIFICATIONS AND STANDARD DETAILS, AND OTHER COUNTY ADOPTED STANDARDS, UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY USE PERMIT FOR ANY WORK TO BE PERFORMED WITHIN THE RIGHT-OF-WAY UNDER THE OWNERSHIP OR CONTROL OF MOHAVE COUNTY.
3. THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH COUNTY AND STATE REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE ENGINEER FROM REQUIRING CORRECTION OF ERRORS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE.
4. IMPROVEMENTS WILL NOT BE ACCEPTED UNTIL CERTIFIED RECORD DRAWINGS (AS-BUILTS), INCLUDING ALL TEST RESULTS, HAVE BEEN SUBMITTED AND ACCEPTED BY THE ENGINEER.
5. DRAINAGE WILL REMAIN IN ITS NATURAL STATE AND WILL NOT BE ALTERED, DISTURBED, OR OBSTRUCTED OTHER THAN AS SHOWN ON THIS PLAN.
6. THE CONTRACTOR SHALL FOLLOW ALL BLUE STAKE LAWS AND NOTIFY BLUE STAKE (1-800-STAKE-11), BEFORE DIGGING.
7. WHERE SOIL IS TO BE REMOVED FROM THE SITE, THE CONTRACTOR SHALL DESIGNATE THE LOCATION WHERE THE FILL WILL BE PLACED AND OBTAIN A LETTER FROM THE OWNER OF THAT PROPERTY ALLOWING THE PLACEMENT OF THE MATERIAL. PLACEMENT OF THIS MATERIAL SHALL BE SUBJECT TO THE APPLICABLE REQUIREMENTS AND PERMITS OF THE GOVERNING JURISDICTION.
8. ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
9. EXCEPT FOR THE WORK PERFORMED UNDER THE TERMS OF A FRANCHISE, OR WORK PERFORMED BY A GOVERNMENTAL AGENCY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT ALL WORK IS INSPECTED AND TESTED BY OR UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER WHO SHALL HOLD A VALID REGISTRATION IN THE STATE OF ARIZONA.

WATER

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND "UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION" SPONSORED AND DISTRIBUTED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.), IN ACCORDANCE WITH A.D.E.G. ENGINEERING BULLETIN NO. 10, TOGETHER WITH THESE PLANS.
2. THE LOCATION OF UTILITIES SHOWN IS BASED UPON BEST INFORMATION AVAILABLE. THE LOCATIONS AS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND BUREAU CABLES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION BY CALLING BLUE STAKE 1-800-STAKE-11.
3. AT LEAST 2 WORKING DAYS IN ADVANCE, THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES IN PROTECTING AND WORKING AROUND THEIR UTILITIES & SERVICE LINES.
4. CONTRACTOR SHALL ACQUIRE & PAY FOR ALL NECESSARY PERMITS.
5. WATER MAIN SHALL BE PVC PIPE CLASS 150, MEETING THE REQUIREMENTS OF A.W.W.A. C-900 AND DP CLASS 150 CONFORMING TO A.W.W.A. C-905.
6. WATER SERVICE MATERIAL SHALL MEET THE REQUIREMENTS OF M.A.G. STANDARD SPECIFICATIONS SECTION 755.
7. WATER LINES SHALL BE DISINFECTED IN ACCORDANCE WITH A.D.E.G. ENGINEERING BULLETIN NO. 6.
8. WATER/SEWER SEPARATION SHALL MEET THE REQUIREMENTS OF R10-4-502C (LATEST REVISION). SEPARATION SHALL BE A MINIMUM OF 12" VERTICAL AND 6" HORIZONTAL.
9. TRENCHING AND BACKFILL SHALL MEET THE REQUIREMENTS OF M.A.G. STANDARD SPECIFICATION 801. COMPACTION DENSITIES SHALL BE 95% FROM THE SURFACE TO 2' BELOW SURFACE.
10. CURB STOP WITH FLUSHING PIPES SHALL BE CONSTRUCTED AS REQUIRED BY M.A.G. STANDARD DETAIL NO. 390, TYPE "A".
11. ALL FITTINGS FOR WATER MAINS SHALL MEET THE REQUIREMENTS OF M.A.G. STANDARD SECTION 752.
12. ALL THRUST BLOCKING FOR WATER LINES SHALL MEET THE REQUIREMENTS OF M.A.G. STANDARD DETAIL NO. 380 AND 381.
13. ALL BLOCKING FOR WATER GATE VALVES SHALL MEET THE REQUIREMENTS OF M.A.G. STANDARD DETAIL NO. 391.
14. PAYMENT FOR CONSTRUCTION SHALL BE MADE ON THE BASIS OF UNIT PRICE BIDS. THE CONTRACTOR'S PROPOSAL. ALL ITEMS CALLED FOR ON THE PLANS BUT NOT LISTED IN BID ITEMS SHALL BE CONSIDERED INCIDENTAL. SAID ITEMS INCLUDE BUT ARE NOT LIMITED TO: WATER LINE BLOCKING, 18" METALLIC TAPE, TESTING, SALVAGING MATERIAL, EXISTING UTILITIES CONNECTIONS, ETC.
15. ALL TAPPING SLEEVES, VALVES AND VALVE BOXES ON WATERLINES SHALL MEET THE REQUIREMENTS OF M.A.G. SPECIFICATIONS SECTION 830, AND M.A.G. STANDARD DETAIL NO. 340.
16. WATER METER COVERS SHALL MEET THE REQUIREMENTS OF M.A.G. STANDARD DETAIL NO. 310, AND WATER METER BOXES SHALL MEET THE REQUIREMENTS OF M.A.G. STANDARD DETAIL NO. 320.
17. ALL FITTINGS AND VALVES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL VALVES ARE TO BE PLUMB AND HAVE STRAIGHT ALIGNMENT.
18. WATER MAIN SHALL BE TESTED IN ACCORDANCE WITH M.A.G. SECTION 810-14, AND IN ACCORDANCE WITH M.A.G. SECTION 810.14 FOR DUCTILE IRON PIPE.
19. ALL EXISTING STREET PAVEMENT DISTURBED BY CONSTRUCTION SHALL BE REPLACED IN ACCORDANCE WITH M.A.G. STANDARD DETAIL NO. 200-1.
20. UTILITY FACILITIES, SHOWN OR NOT SHOWN IN CONFLICT WITH THIS WORK SHALL BE RELOCATED BY THE GENERAL CONTRACTOR AS REQUIRED. THIS ACTIVITY SHALL BE COORDINATED WITH THE OWNER OF THE UTILITY TO PREVENT ANY UNNECESSARY INTERRUPTION OF SERVICE.
21. ALL WATER PIPES SHALL BE LEAD FREE PER A.A.C. R10-4-504.
22. ALL MAINS SHALL BE DISINFECTED PER BULLETIN 6 AND SHALL BE WITNESSED BY A REPRESENTATIVE OF STANLEY CONSULTANTS. ALL WATER MAINS SHALL HAVE NO MORE THAN 100 PPM CHLORINE PRESENT AT TIME OF CHARGING. 24 HOURS LATER ALL WATER MAINS SHALL HAVE GREATER THAN 30 PPM OF CHLORINE PRESENT.
23. FINAL FLUSHING AND SAMPLING AND TESTING SHALL BE PERFORMED AND ACCEPTED PRIOR TO PLACING WATERLINES IN SERVICE AS PER M.A.G. STANDARD SPECIFICATIONS 811.45.
24. INSTALL M.A.G. STANDARD DETECTABLE TAPE OR PLASTIC COATED (BLUE FOR WATER AND GREEN FOR SEWER) JOINT WIRE FOR ALL WATER AND SEWER LINES.
25. EACH PRODUCT ADDED DIRECTLY TO WATER DURING PRODUCTION OR TREATMENT SHALL CONFORM TO ANSI/NSF STANDARD 60.
26. A MATERIAL OR PRODUCT INSTALLED AFTER JANUARY 1, 1993, THAT COMES INTO CONTACT WITH WATER OR A WATER TREATMENT CHEMICAL SHALL CONFORM TO ANSI/NSF STANDARD 61.
27. ALL DP WILL HAVE RESTRAINED FITTING IN ACCORDANCE WITH M.A.G. 302 AND 303.
28. THE WORKING PRESSURE FOR THE SYSTEM IS 55 PSI TO 65 PSI AND FALLS WITHIN THE PARAMETERS FOR WHICH THE THRUST BLOCK CALCULATION WERE PERFORMED WITHIN THE GOLDEN VALLEY RANCH WATER AND SEWER MASTER PLAN.

ENGINEER'S NOTES

1. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLYING CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS, AND THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE DESIGN PROFESSIONAL HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
2. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS, AND SHALL NOTIFY THE ENGINEER OF ALL DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORK.
3. ADD 2500' TO ALL ELEVATIONS < 500' ON THESE DRAWINGS TO GET ACTUAL ELEVATION.
4. SEE LANDSCAPE PLANS FOR LANDSCAPING AND ONSITE IRRIGATION.

LEGEND

FINISHED FLOOR ELEVATION	2110
PAD ELEVATION	2445
BASE FLOOD ELEVATION	2441
EXISTING GRADE CONTOUR	80.00
MAJOR CONTOUR	80.0
MINOR CONTOUR	80.0
TOP OF CURB	80.0
FINISHED GRADE	80.0
FLOW LINE	80.0
HIGH POINT	80.0
CENTER LINE GRADE	80.0
EDGE OF PAVEMENT	80.0
TOP BACK OF CURB BEGIN RADIUS	80.0
FUTURE GRADE	80.0
EXISTING GRADE	80.0
HIGH POINT SWALE DIRECTION	80.0
CULDESAC STATIONING	10+00.00
SWALE	
R/W LINE	
CENTER LINE	
EXISTING EDGE OF PAVEMENT	
EDGE OF PAVEMENT	
RETAINING WALL	
PERMETER BLOCK WALL	
EASEMENT LINE	
CURB & GUTTER	
EX CURB & GUTTER	
GRADE BREAK	
VILLAGE BOUNDARY	
DRIVEWAY	
S/W RAMP	
OUT OR FILL SLOPES	
EX. STREETLIGHT	
100 WATT LUMINAIRE	
250 WATT LUMINAIRE	
UTILITY POLE	
EXISTING SIGNAL WITH LUMINAIRE	
STREET NAME SIGN	
MISCELLANEOUS SIGN	
36" STOP SIGN	
SERVICE POINT	
PULL BOX	
EXISTING STREET LIGHT BOX	
PARCEL NUMBER	

ABBREVIATIONS

AVE	AVENUE
BC	BACK OF CURB
BCR	BACK OF CURB RADIUS
BCL	BACK OF CURB LENGTH
BM	BENCHMARK
BVC	BEGINNING OF VERTICAL CURVE
C&T	CABLE TELEVISION
C&V	CURB AND GUTTER
CE	COMMON ELEMENT
C/L OR E	CENTERLINE
CPS	CURB FOOT PER SECOND
CMP	CORRUGATED METAL PIPE
CONC DRY	COMMERCIAL DRIVEWAY
CONC	CONCRETE
CONST	CONSTRUCTION OR CONSTRUCT
CS	CURB STATIONING
CU YD	CURB YARD
E	ELECTRIC
EVC	END OF VERTICAL CURVE
EP	EDGE OF PAVEMENT
EX OR EXIST	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISH FLOOR
FG	FINISH GRADE
FL OR E	FLOW LINE
G	GAS
GB	GRADE BREAK
HP	HIGH POINT
INVT	INVERT
L	LENGTH
MVC	MIDPOINT OF VERTICAL CURVE
M.A.G.	MARICOPA ASSOCIATION OF GOVERNMENTS
MH	MANHOLE
MIN	MINIMUM
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NTS	NOT TO SCALE
PVC	POLYVINYL CHLORIDE
PRVT	PRIVATE
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVE
PSI	POUNDS PER SQUARE INCH
PVI	POINT OF VERTICAL INTERSECTION
PT	POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PAB	PEDESTRIAN ACCESS EASEMENT
RCS	REINFORCED CONCRETE BOX
R/W	RIGHT OF WAY
SD	STORM DRAIN
SL/STLT	STREET LIGHT
SS	SANITARY SEWER
STD	STANDARD
S/W OR SW	SEWAGE
T	TELEPHONE
TBD	TO BE DETERMINED
TRANS (TYP)	TRANSITION
VC	VERTICAL CURVE
VERT	VERTICAL
VG	VALLEY GUTTER
W	WATER
WM	WATER METER
YD	YARD

NOTE: ALL ABBREVIATIONS SHOWN ON THIS LEGEND MAY NOT APPEAR ON THIS SET OF DRAWINGS.

DISCLAIMER NOTE

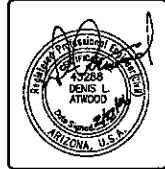
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVER-HEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

field utility underground
utility lines
Call before you Dig
1-800-782-5348
[www.callbeforeyoudig.com]
Avoid overhead power
lines
Call before you Overhead
1-928-753-3591
[www.callbeforeyouoverhead.com]

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY



SCALE (H) N.T.S.	SCALE (V) N.T.S.	DRAWN BY	CHECKED BY	DATE
		ENG	MPB	11/22/06

3008-03-014

5300 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-1398 Fax (702) 369-9733
www.stanleygroup.com

Stanley Consultants INC.

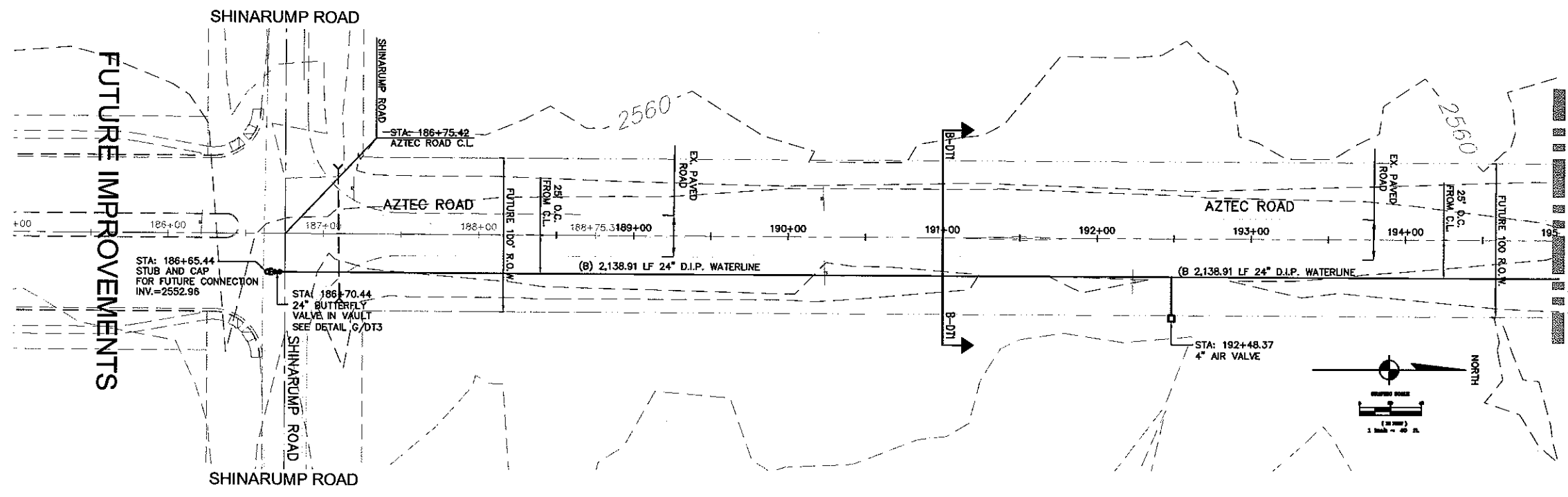
RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE
GENERAL NOTES AND ABBREVIATIONS
ARIZONA

SHEET
G-2
2 OF 31 SHEETS
SCI PROJECT#
18449.07.04

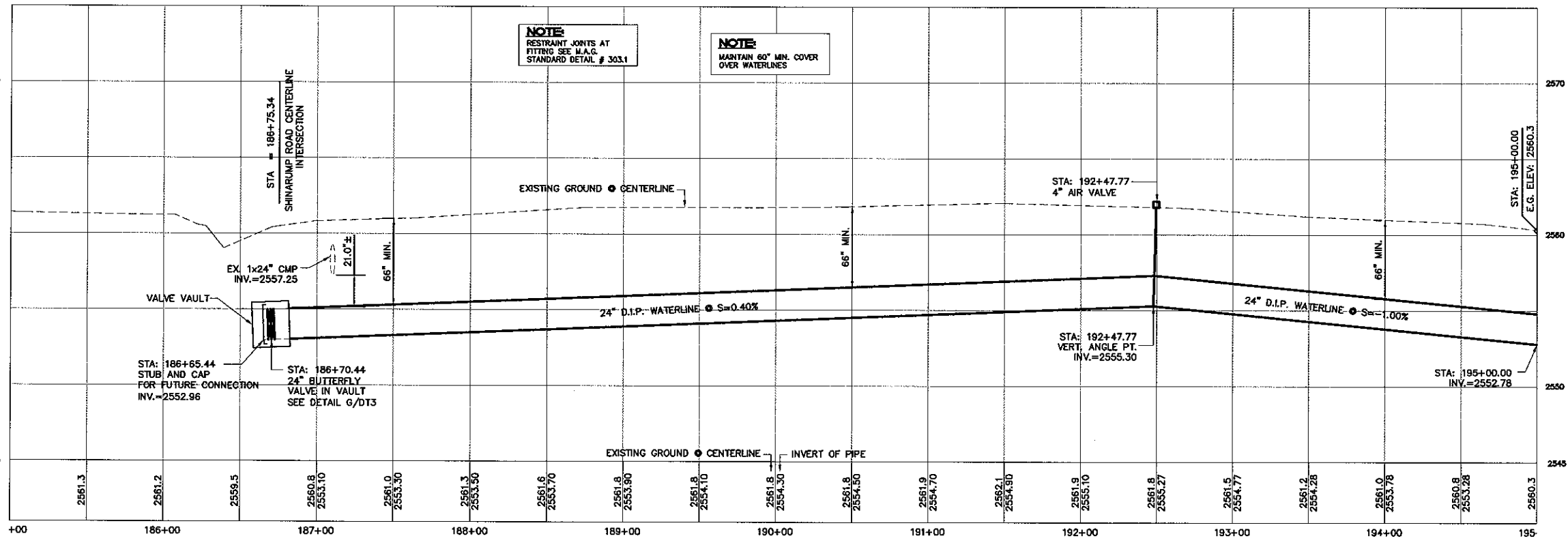
Q:\18449\dwg\LA RD-EXTENSION\Imp-Plans 30%\PH1\AZTEC-RD-EXT_PP1-PP6.dwg, 3/20/2006 10: J AM, \\LVG-PS1\hp5500-survey.pd

Q:\18449\dwg\LA

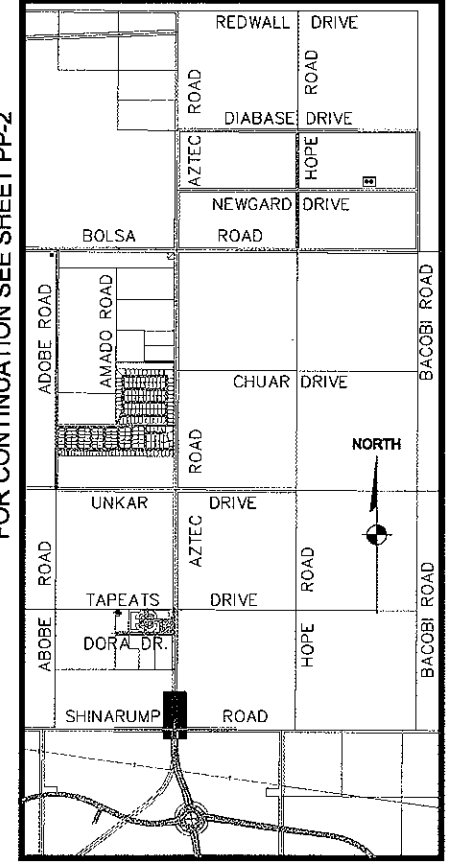
ST-RH035603



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'



KEYMAP
NOT TO SCALE

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility first. It's costly.
Call before you dig
1-800-227-2600
underground service (904)

Avoid overhead power line contact.
Call before you Overhead
1-702-227-2929
overhead power line contact
and safety services department

BASE OF BEARINGS

NORTH 001°47' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2582.48391ft (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.56824ft (NAVD'88)

SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'58.03545"W (NAD '83) HEIGHT 2505.65538ft (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1989 "RLS 10347" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY

Stanley Consultants INC.

5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 350-0396 Fax (702) 368-9793
www.stanleyconsultants.com

PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

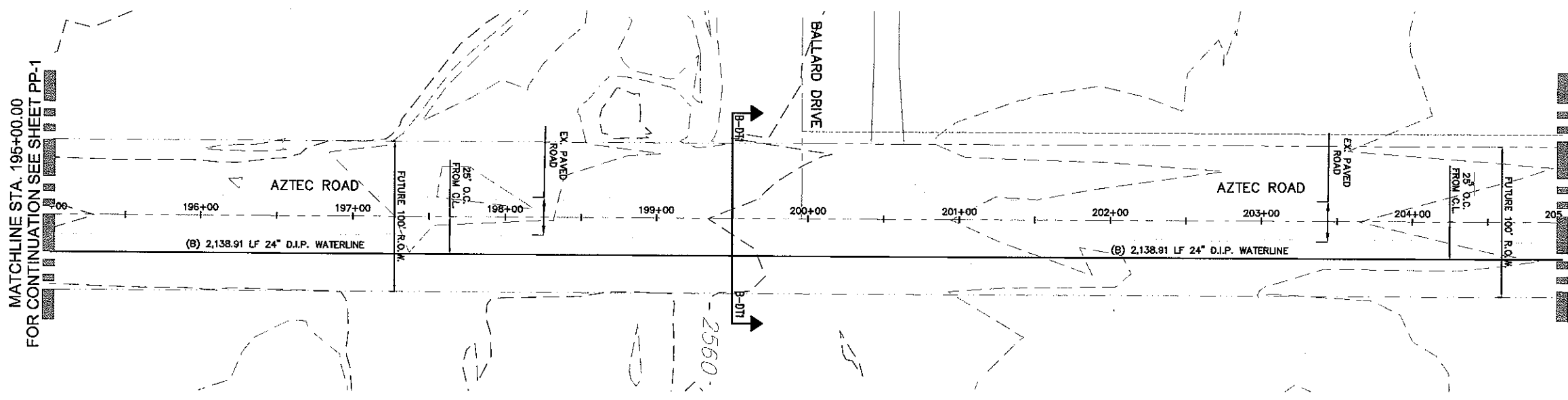
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 185+00.00 - 195+00.00
MOHAVE COUNTY ARIZONA

SHEET
PP-1
3 OF 31 SHEETS

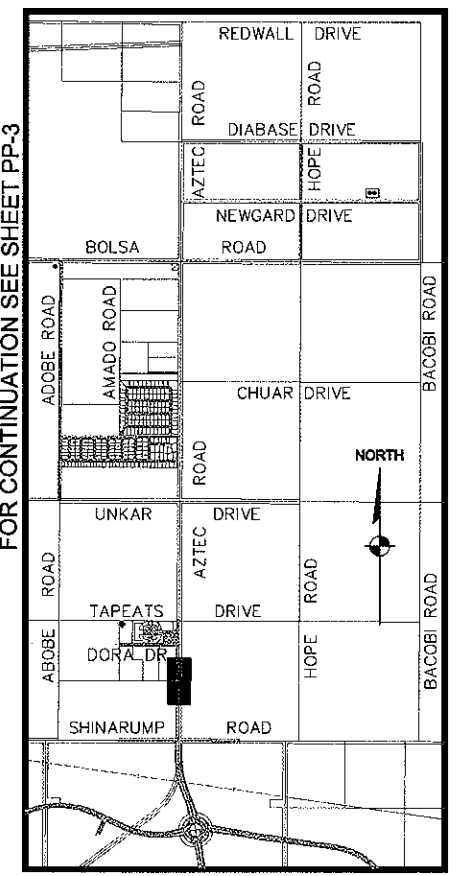
SCI PROJECT#
18449.07.04

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

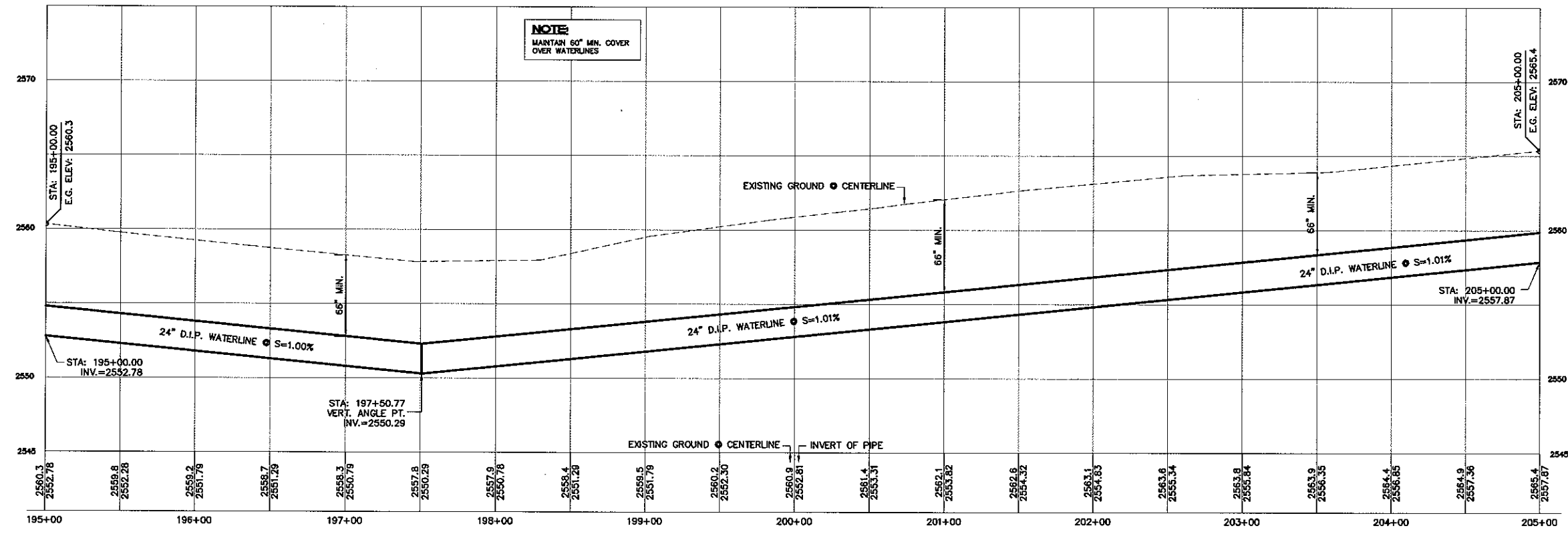
Q:\18449\dwg\AZ RD-EXTENSION\Imp-Plans 30%\PH1\AZTEC-RD-EXT_PP1-PP6.dwg, 3/20/2006 10: 2 AM, \\LVG-PS1\hp5500-survey-pcl



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



KEYMAP
NOT TO SCALE



PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
1-800-227-2600
underground service (usa)

Call before you Overhead
1-702-227-2929
overhead service (usa)

BASIS OF BEARINGS

NORTH 001°24'7" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WP), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.37240"W (NAD '83), HEIGHT 2562.46391R (NAVD '88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83), HEIGHT 2466.56824R (NAVD '88)

SEC COR 28/35/34/27 = LATITUDE 35°10'15.19784"N, LONGITUDE 114°10'59.03545"W (NAD '83), HEIGHT 2505.65538R (NAVD '88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014R (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "TLS 1034" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY

Stanley Consultants INC.
1900 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9366 Fax (702) 369-9793
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 195+00.00 - 205+00.00
MOHAVE COUNTY ARIZONA

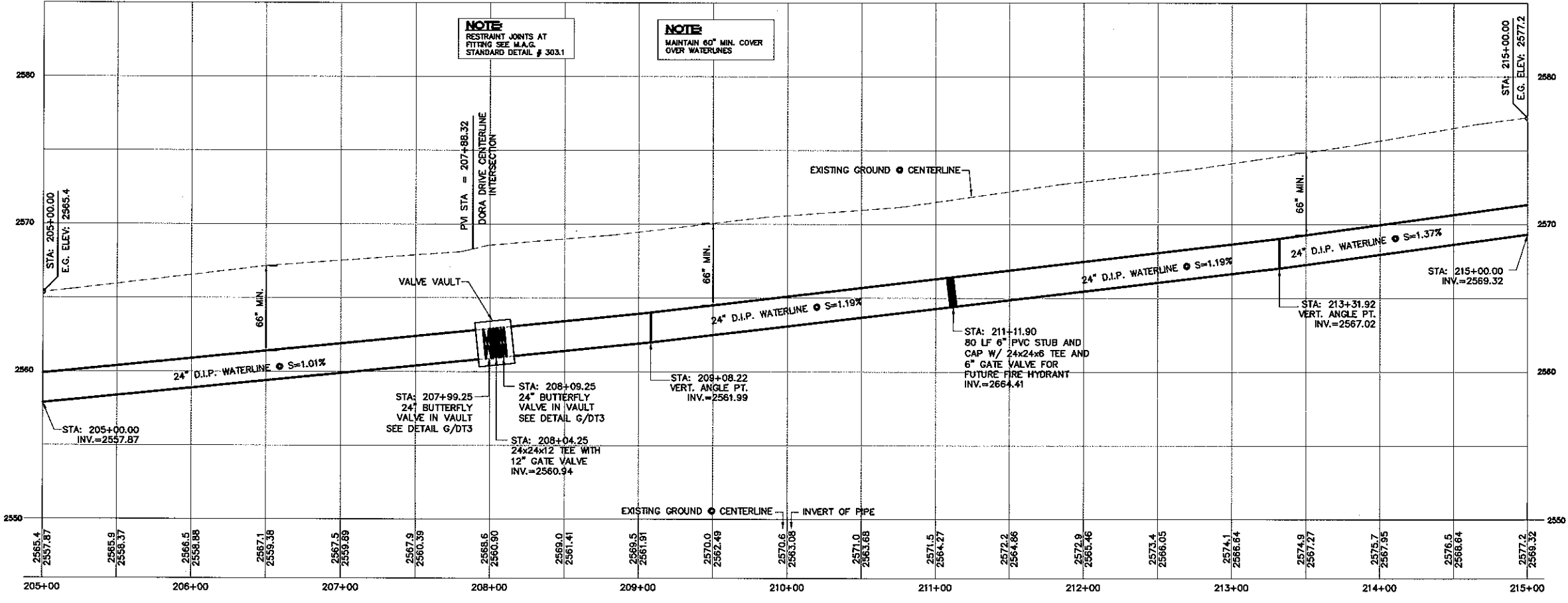
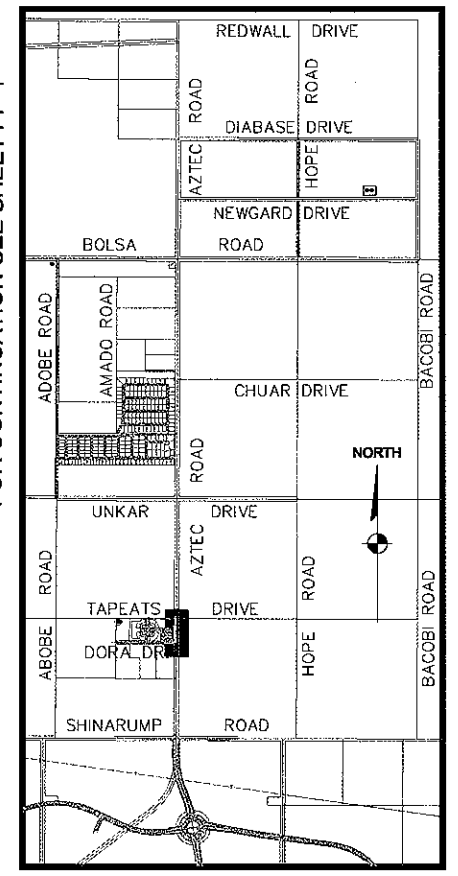
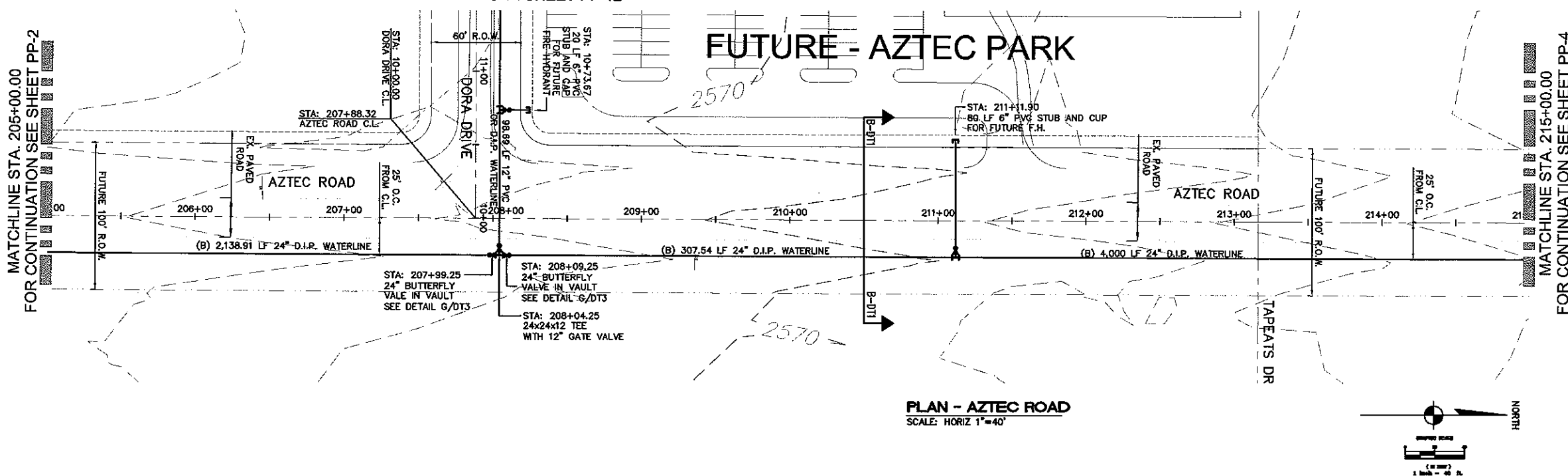
SHEET
PP-2
4 OF 31 SHEETS
SCI PROJECT#
18449.07.04

SCALE (H)	SCALE (V)	DRAWN BY	CHECKED BY	DATE
1"=40'	1"=4'	ENG	DLA	11/22/05

DORA DRIVE
FOR CONTINUATION SEE SHEET PP-12

MATCHLINE STA. 205+00.00
FOR CONTINUATION SEE SHEET PP-2

MATCHLINE STA. 215+00.00
FOR CONTINUATION SEE SHEET PP-4



DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you dig
1-800-227-2600
Call before you Overhead
1-702-227-2929

BASIS OF BEARING

NORTH 001°24' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "50 32" - LATITUDE 35°08'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.46381ft (NAVD'88)

M.C.S.D. "50 35" - LATITUDE 35°08'22.43032"N, LONGITUDE 114°10'58.58309"W (NAD '83) HEIGHT 2466.56824ft (NAVD'88)

SEC COR 26/35/34/27 - LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'59.03545"W (NAD '83) HEIGHT 2505.65538ft (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1989 "RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY

Stanley Consultants INC.

3820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 368-3338 Fax (702) 368-9793
www.stanleygroup.com

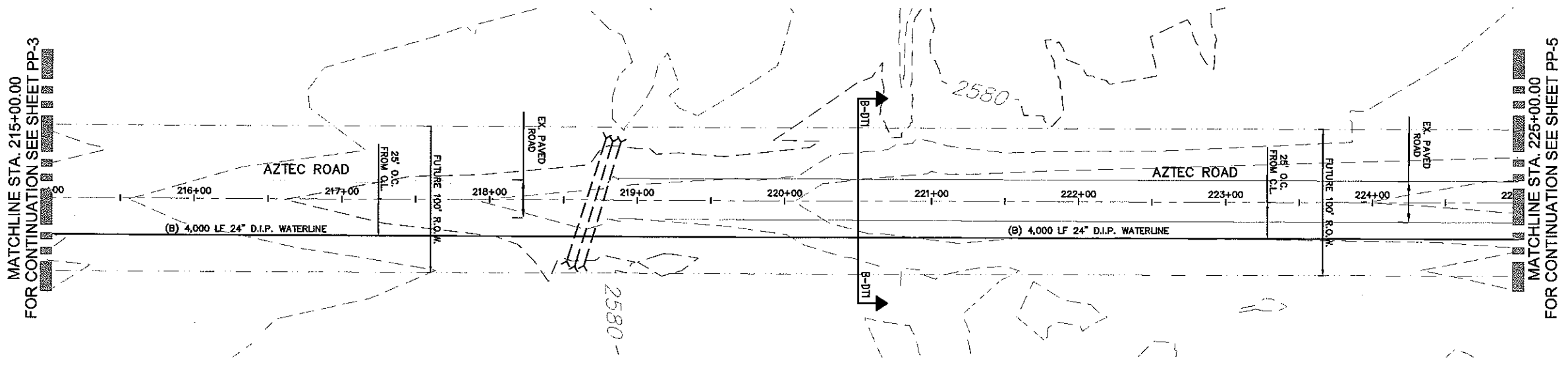
PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 205+00.00 - 215+00.00
MOHAVE COUNTY ARIZONA

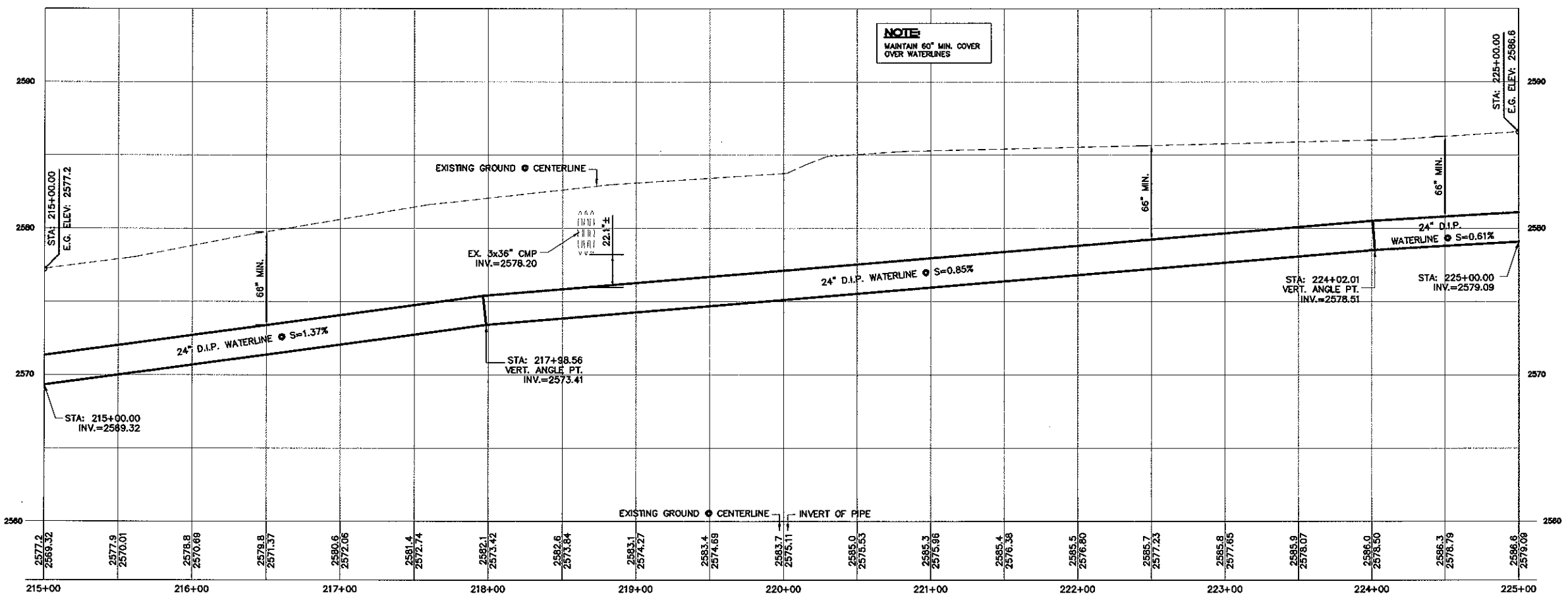
SHEET
PP-3
5 OF 31 SHEETS

SCI PROJECT#
18449.07.04

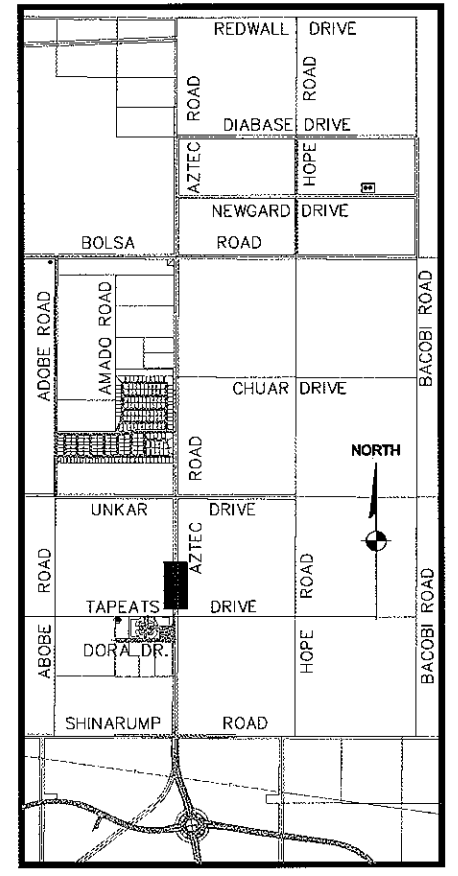
SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY ENG
CHECKED BY DLA
DATE 11/22/05



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'



KEYMAP
NOT TO SCALE

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you dig
1-800-227-2600
Call before you Overhead
1-702-227-2929

BASIS OF BEARINGS

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, Q1A & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°08'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2582.46381R (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°08'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.56824H (NAVD'88)

SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'59.03845"W (NAD '83) HEIGHT 2505.63536R (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014H (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	EMG
SCALE (V)	1"=4'
SCALE (H)	1"=40'

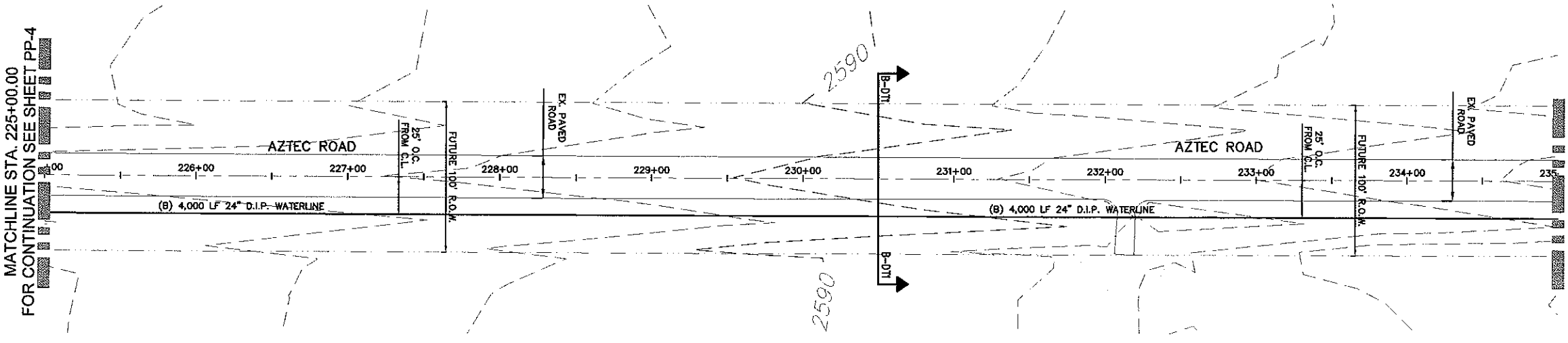
Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-3386 for (702) 369-7793
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 215+00.00 - 225+00.00
MOHAVE COUNTY
ARIZONA

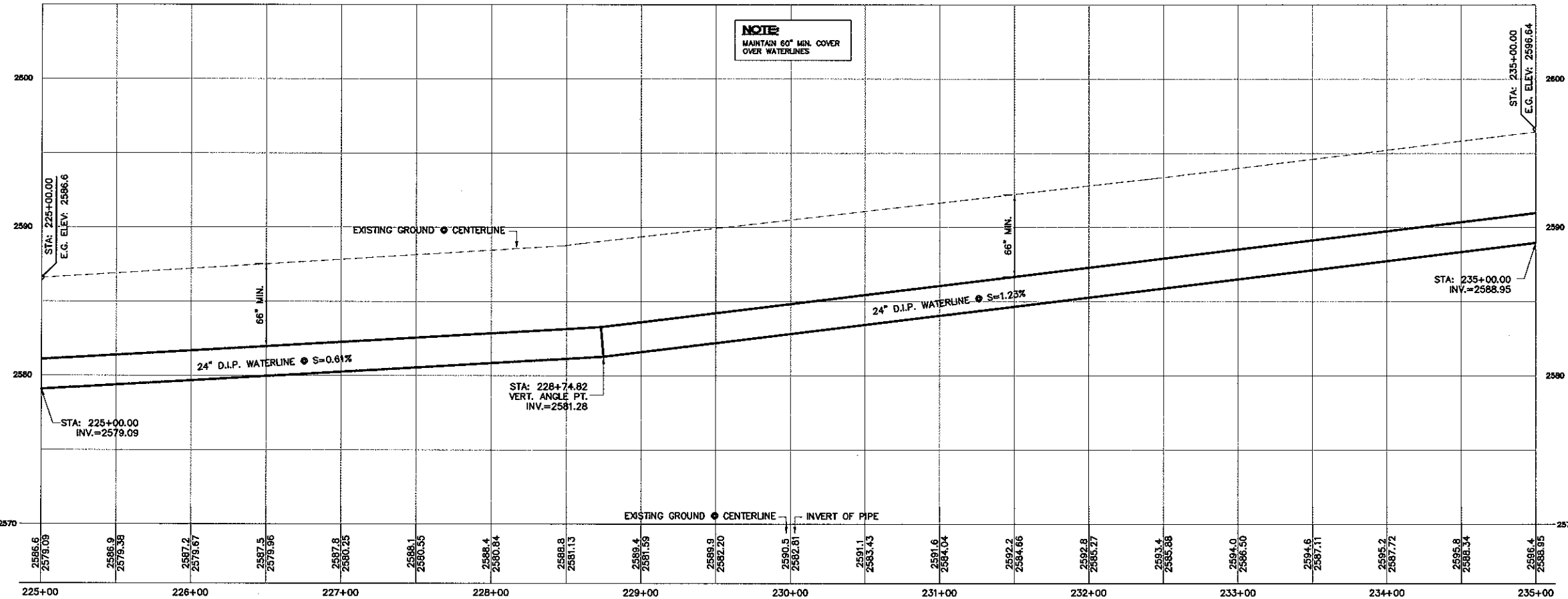
SHEET
PP-4
6 OF 31 SHEETS
SCI PROJECT#
18449.07.04

NOT FOR CONSTRUCTION
PRELIMINARY

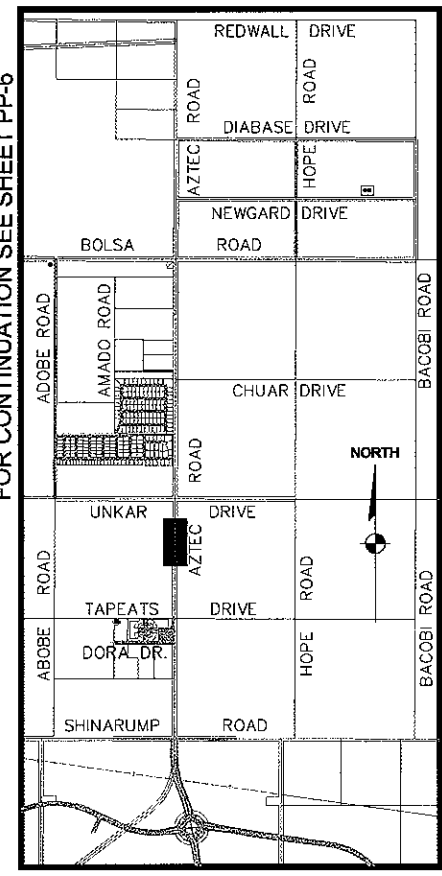
Q:\18449\dwg\A2 RD-EXTENSION\Imp-Plans 30%\PH1\AZTEC-RD-EXT_PP1-PP6.dwg, 3/20/2006 10:) AM, \\LVG-PS1\hp5500-survey-pcl



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'



KEYMAP
NOT TO SCALE

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
www.callbeforeyoudig.com

Avoid overhead power line contact.
Call before you Overhead
1-702-227-2929
www.callbeforeyouoverhead.com

BASIS OF BEARINGS

NORTH 001°2'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2582.46391ft (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.56824ft (NAVD'88)

SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'59.03545"W (NAD '83) HEIGHT 2505.65538ft (NAVD'88)

BENCHMARK

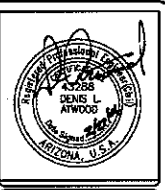
BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10345" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY

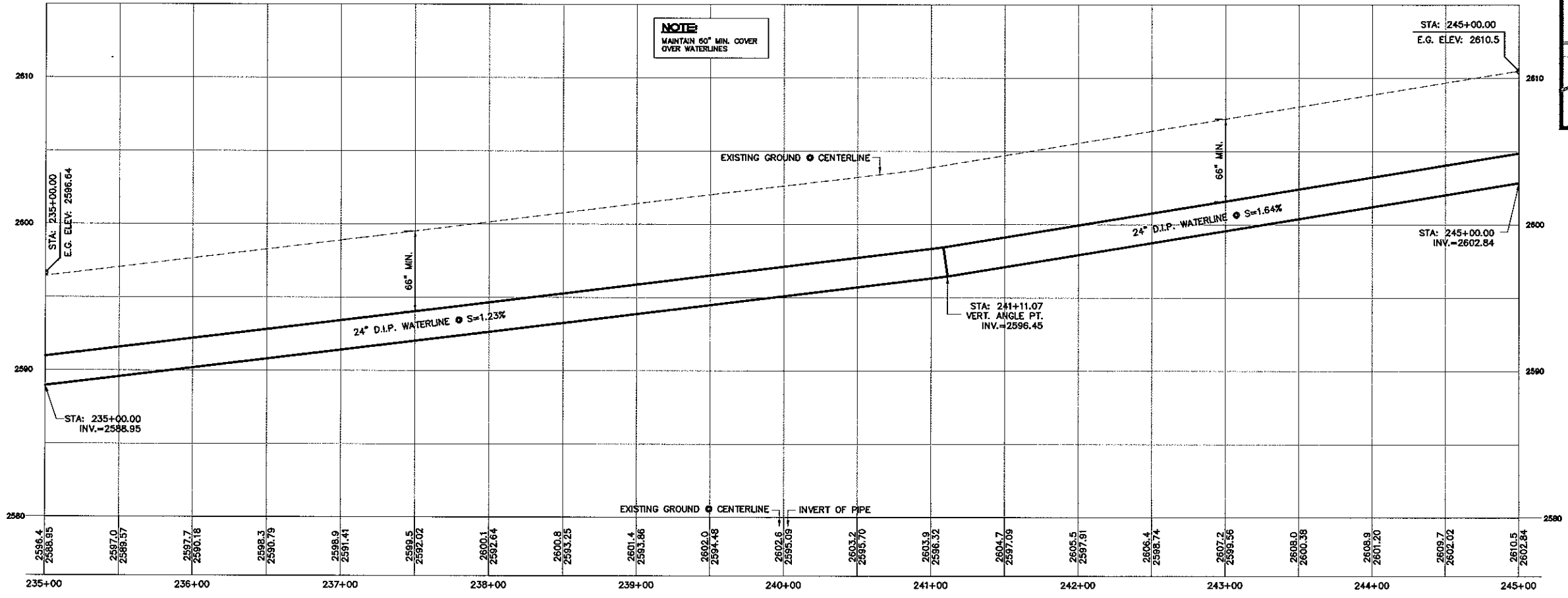
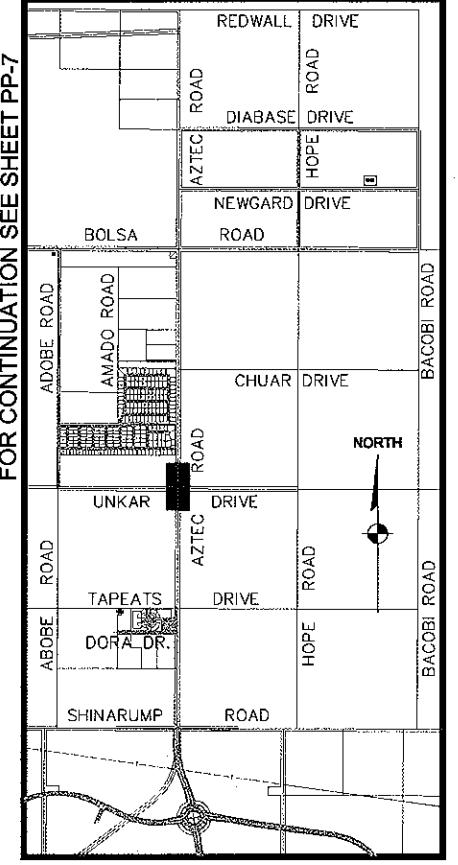
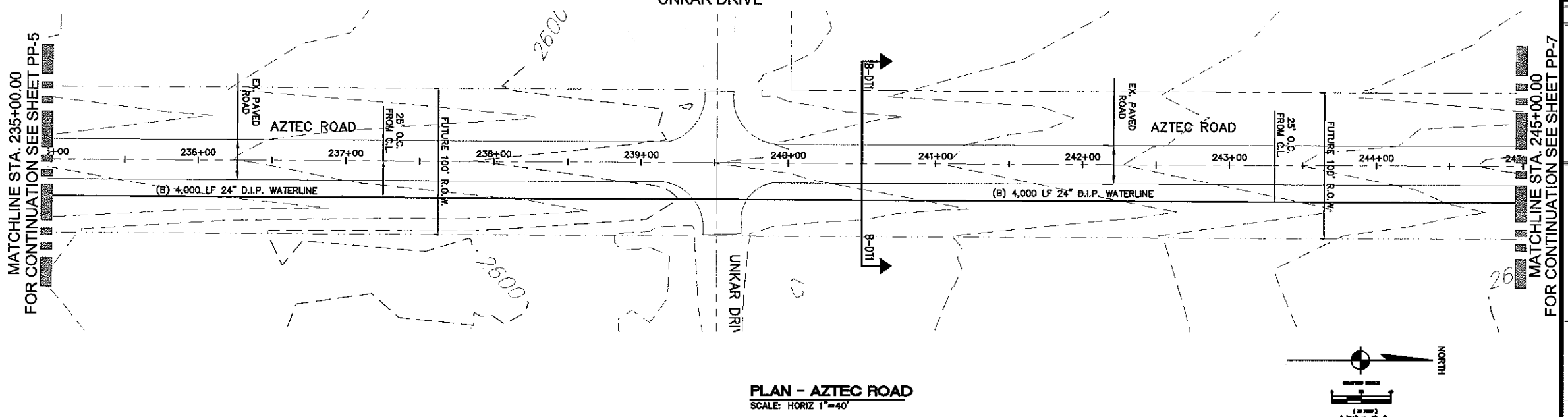


DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	ENG
SCALE (H)	1"=40'
SCALE (V)	1"=4'

Stanley Consultants Inc.
9820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9356 Fax (702) 369-9793
www.stanleygroup.com

PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 225+00.00 - 235+00.00
MARICOPA COUNTY, ARIZONA

SHEET
PP-5
7 OF 31 SHEETS
SCI PROJECT#
18449.07.04



DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (US) Call before you Overhead
1-702-227-2929
OVERHEAD SERVICE (OS) and SAFETY SERVICES DIVISION

BASIS OF BEARINGS

NORTH 001°24'7" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.46391R (NAVD'88)

M.C.S.D. "SD 35" - LATITUDE 35°09'22.43032"N, LONGITUDE 114°07'58.56309"W (NAD '83) HEIGHT 2468.56824R (NAVD'88)

SEC COR 26/35/34/27 - LATITUDE 35°10'15.19764"N, LONGITUDE 114°07'58.03545"W (NAD '83) HEIGHT 2505.65538R (NAVD'88)

BENCHMARK

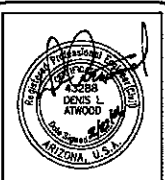
BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014R (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10343" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY



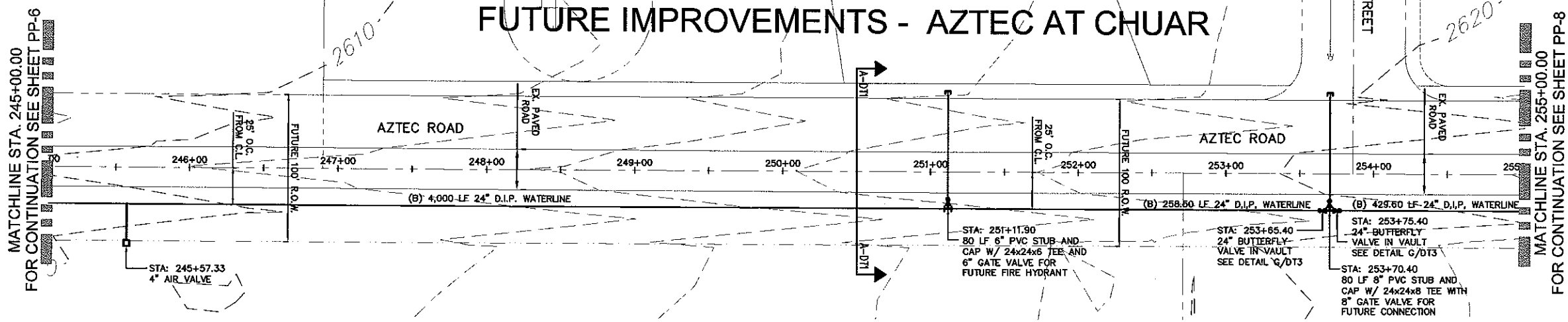
DATE	11/22/05
CHECKED BY	DIA
DRAWN BY	ENG
SCALE (H)	1"=40'
SCALE (V)	1"=4'

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 368-3396 For (702) 368-9793
www.stanleygroup.com

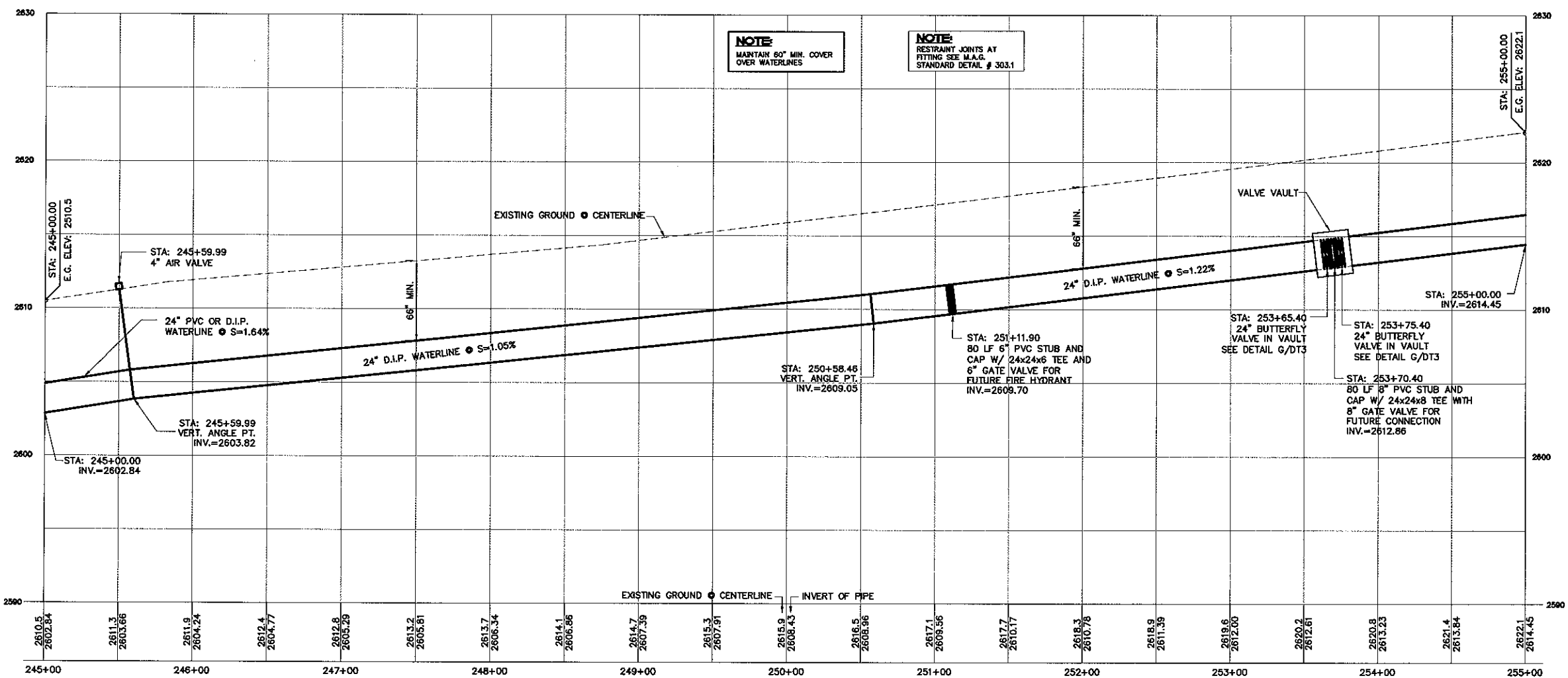
PHOENIX HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
PLAN AND PROFILE - STA. 235+00.00 - 245+00.00
MOHAVE COUNTY

SHEET
PP-6
8 OF 31 SHEETS
SCI PROJECT#
18449.07.04

FUTURE IMPROVEMENTS - AZTEC AT CHUAR



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
Underground Service (USA)

Avoid overhead power line contact.
Call before you Overhead
1-702-227-2929
NORTH AVIATION UNIVERSITY
and SAFETY SERVICES DIVISION

BASIS OF BEARINGS

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.37240"W (NAD '83) HEIGHT 2562.463911R (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.568241R (NAVD'88)

SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'58.03545"W (NAD '83) HEIGHT 2505.655381R (NAVD'88)

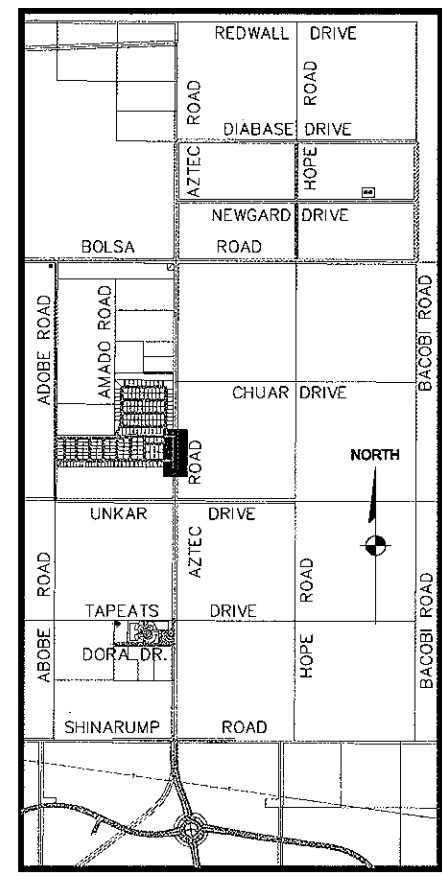
BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.0141R (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 T&S 10343, LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



KEYMAP
NOT TO SCALE



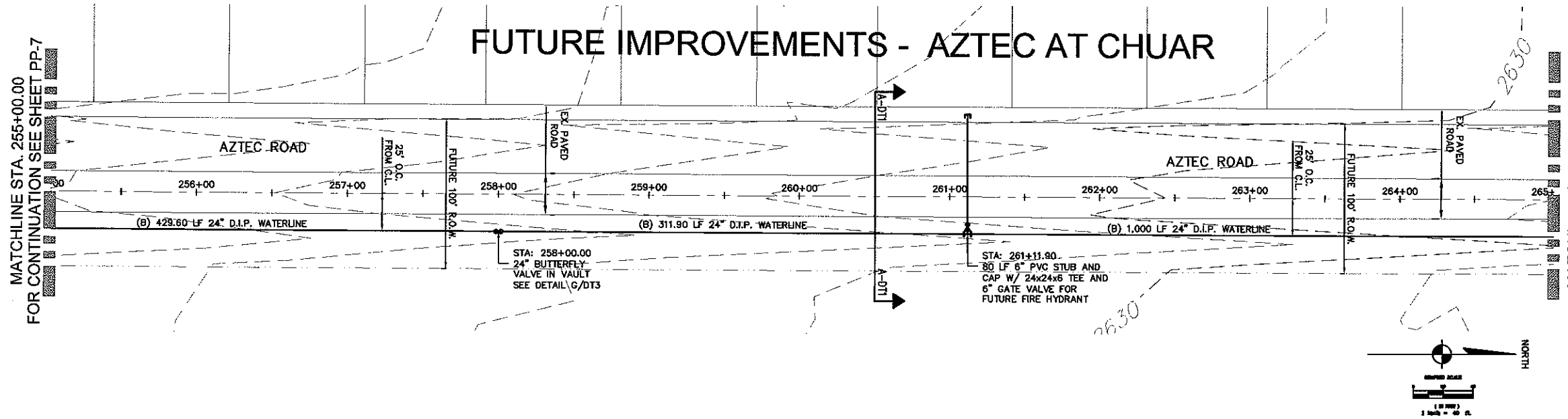
DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	ENG
SCALE (H)	1"=40'
SCALE (V)	1"=4'

Stanley Consultants Inc.
3820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 385-5395 Fax (702) 385-5933
www.stanleygroup.com

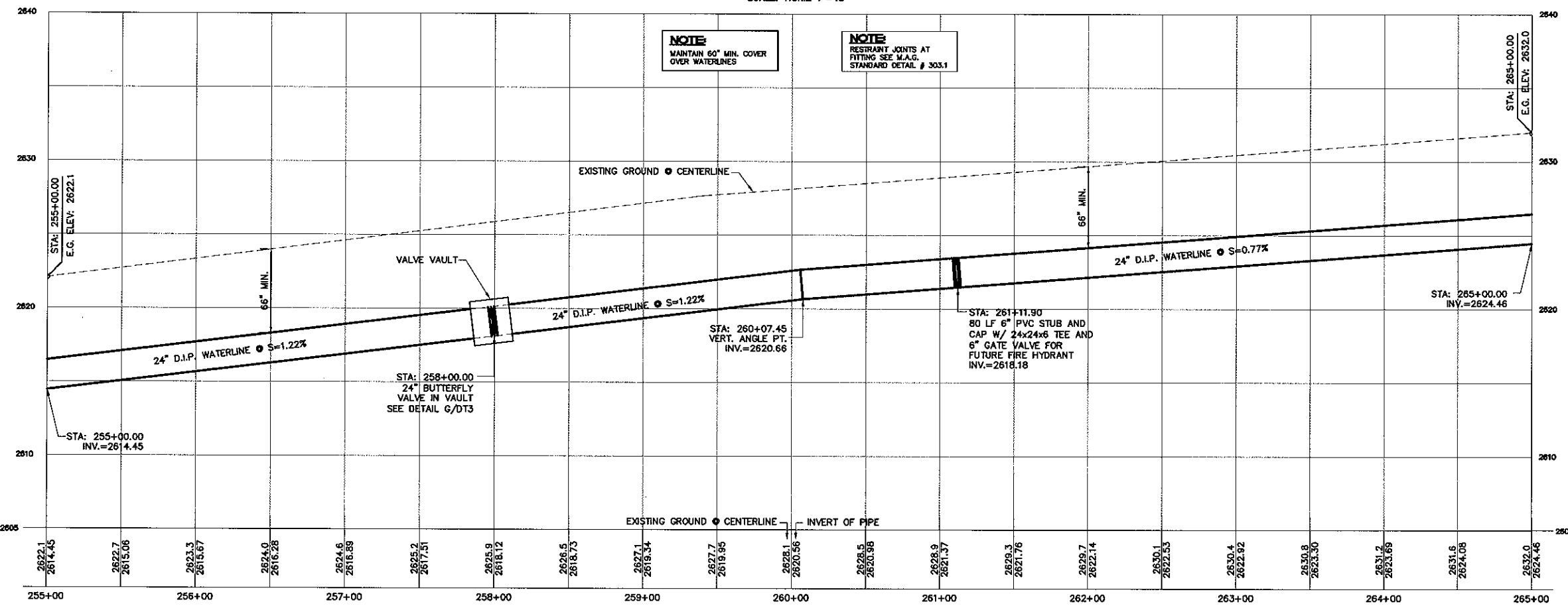
RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 245+00.00 - 255+00.00
MOHAVE COUNTY ARIZONA

NOT FOR CONSTRUCTION
PP-7
9 OF 31 SHEETS
SCI PROJECT# 18449.07.04

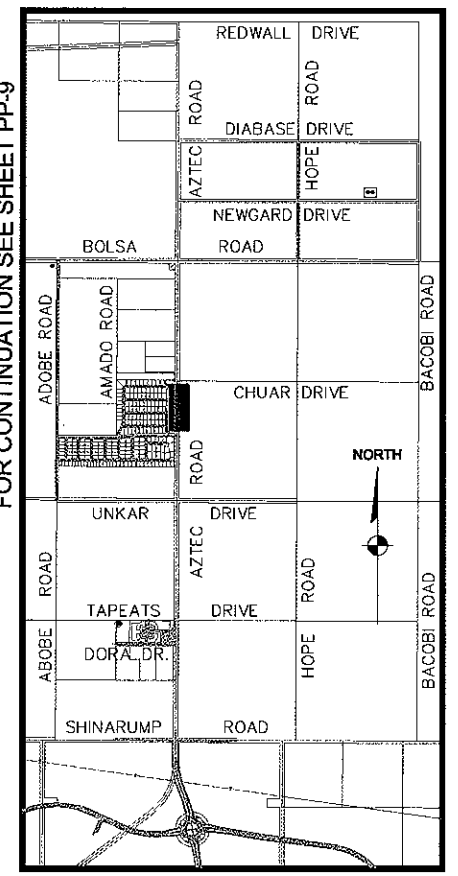
FUTURE IMPROVEMENTS - AZTEC AT CHUAR



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'



KEYMAP
NOT TO SCALE

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you dig
1-800-227-2600
underground service (usa)

Call before you Overhead
1-702-227-2929
overhead power line service (usa)

BASIS OF BEARINGS

NORTH 001°47' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GLA & SALT RIVER METROPOLITAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°08'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.463911R (NAVD'88)

M.C.S.D. "SD 35" - LATITUDE 35°08'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.568241R (NAVD'88)

SEC COR 26/33/34/27 - LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'59.03545"W (NAD '83) HEIGHT 2505.555361R (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.0141R (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "R.S. 10343" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



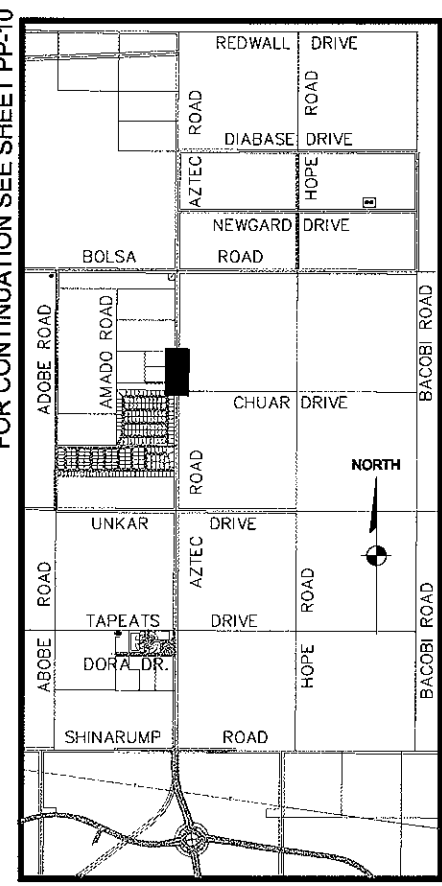
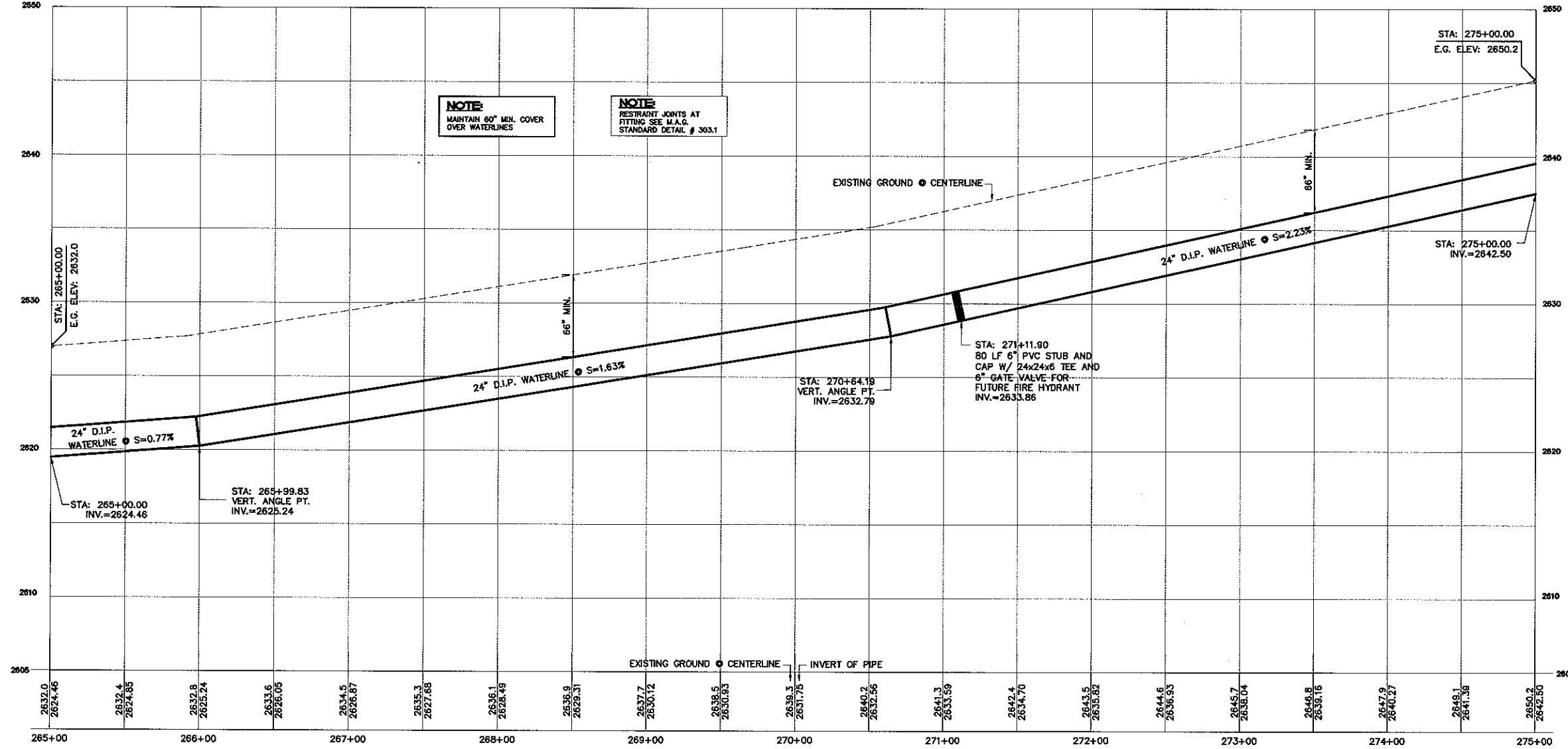
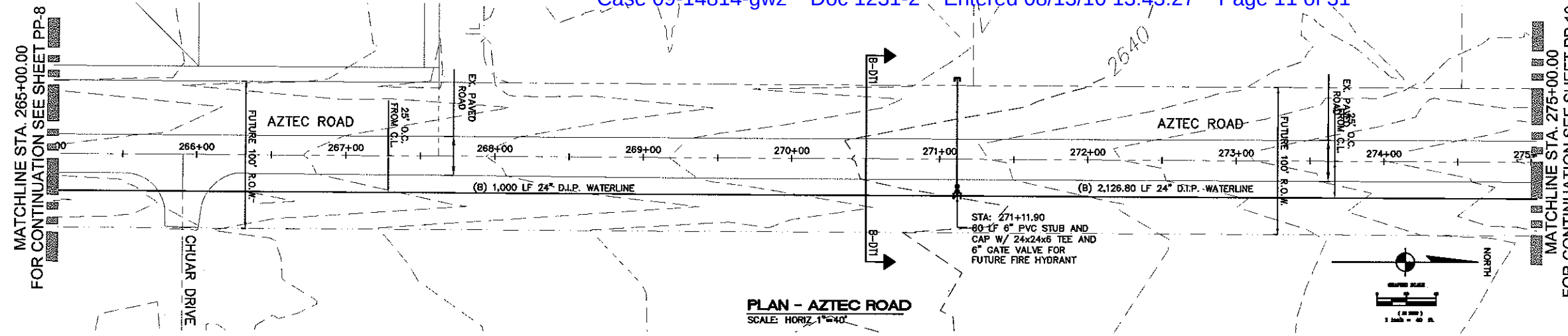
SCALE (H) 1"=40'	SCALE (V) 1"=4'	DRAWN BY ENG	CHECKED BY DLA	DATE 11/22/05
------------------	-----------------	--------------	----------------	---------------

Stanley Consultants Inc.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 385-5398 Fax (702) 385-9793
www.stanleygroup.com

PHOENIX HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 255+00.00 - 265+00.00
MOHAVE COUNTY ARIZONA

NOT FOR CONSTRUCTION
PP-8
10 OF 31 SHEETS
SCI PROJECT# 18449.07.04

Q:\18449\dwg\LA RD-EXTENSION\Imp-Plans 30%\PH1\AZTEC-RD-EXT_PP7-PP11.dwg, 3/20/2006 11:38 AM, \\LVG-PS1\hp5500-survey.pd



DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Call before you Overhead
1-702-227-2929
NORTH AVENUE OVERHEAD AND SAFETY SERVICES (NAOSS)

BASIS OF BEARINGS
NORTH 001°2'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.48361ft (NAVD'88)

M.C.S.D. "SD 35" - LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.56824ft (NAVD'88)

SEC COR 26/35/34/27 - LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'59.03545"W (NAD '83) HEIGHT 2505.65536ft (NAVD'88)

BENCHMARK
BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10343" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

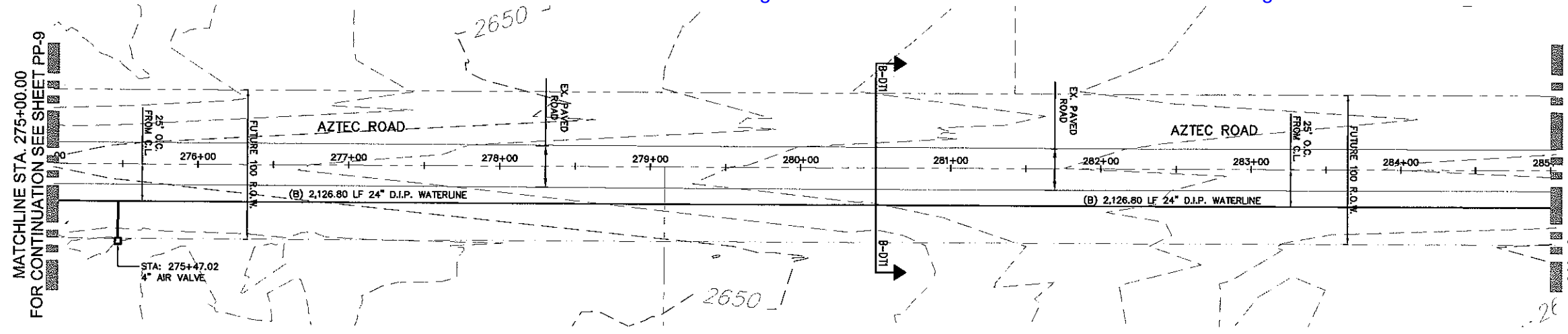
NOT FOR CONSTRUCTION
PRELIMINARY

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 358-3399 Fax (702) 358-9793
www.stanleygroup.com

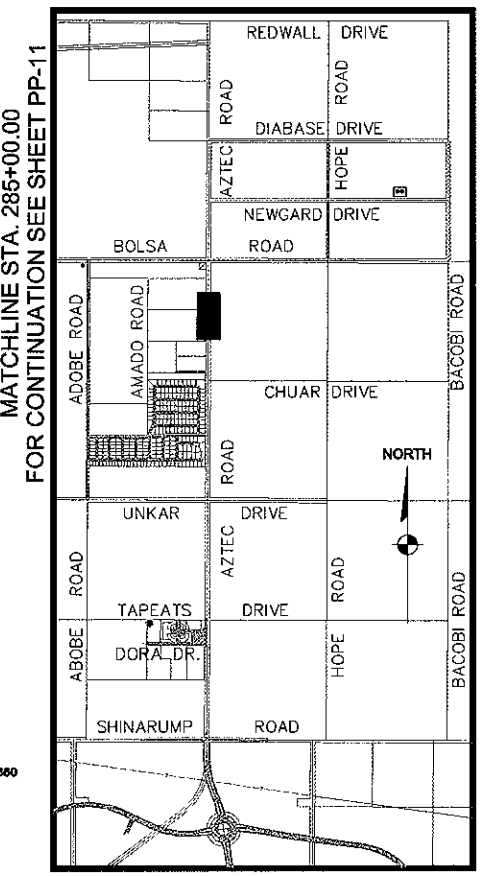
RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 265+00.00 - 275+00.00
MOHAVE COUNTY
ARIZONA

SHEET
PP-9
11 OF 31 SHEETS
SCI PROJECT#
18449.07.04

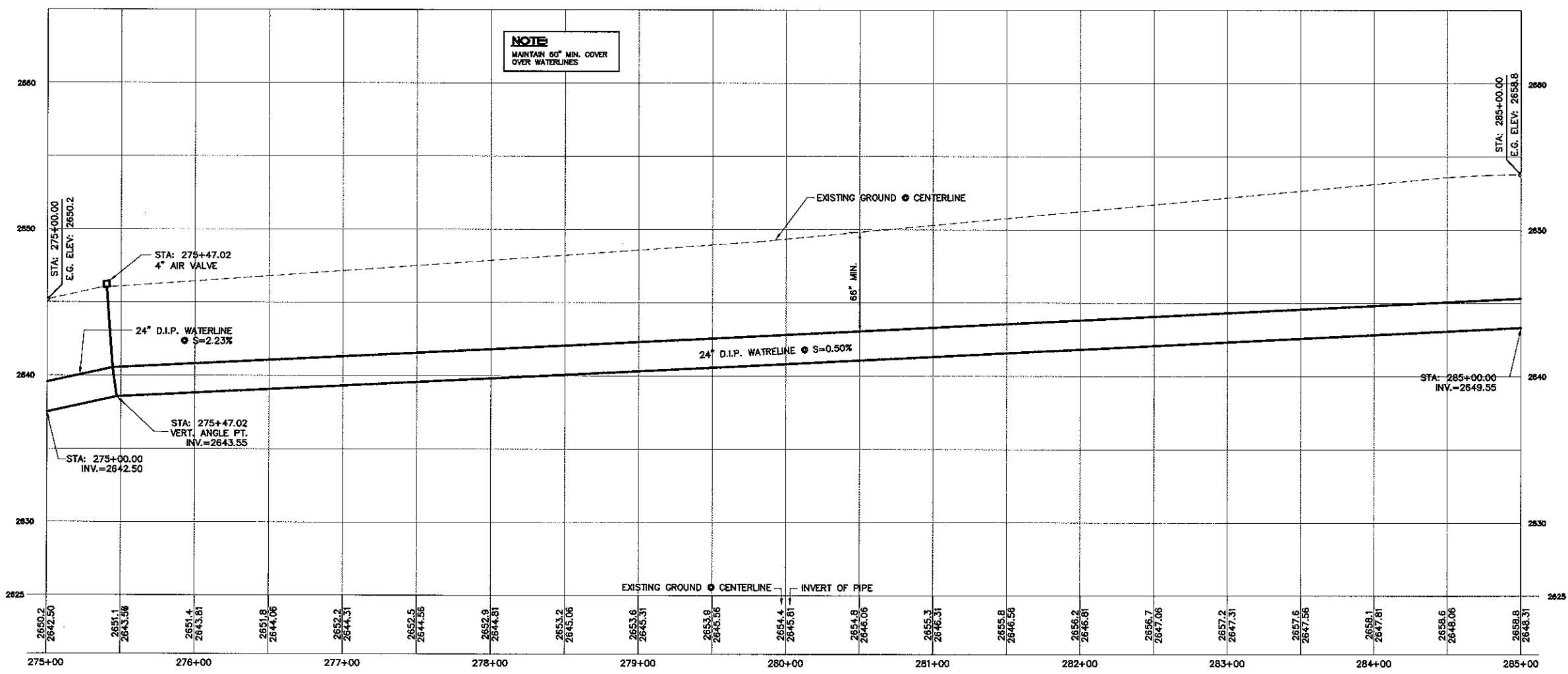
SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY ENG
CHECKED BY DLA
DATE 11/22/05



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



KEYMAP
NOT TO SCALE



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call before you Overhead
1-702-227-2929
WHILE THE POWER IS ON
USE SAFETY SERVICES (NATIONWIDE)

BASIS OF BEARINGS

NORTH 001°2'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, Q1A & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.46381ft (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2468.56824ft (NAVD'88)

SEC COR 28/35/34/27 = LATITUDE 35°10'15.19784"N, LONGITUDE 114°10'59.03545"W (NAD '83) HEIGHT 2505.65530ft (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2862.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 T.S. 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY



DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	EMG
SCALE (H)	1"=40'
SCALE (V)	1"=4'

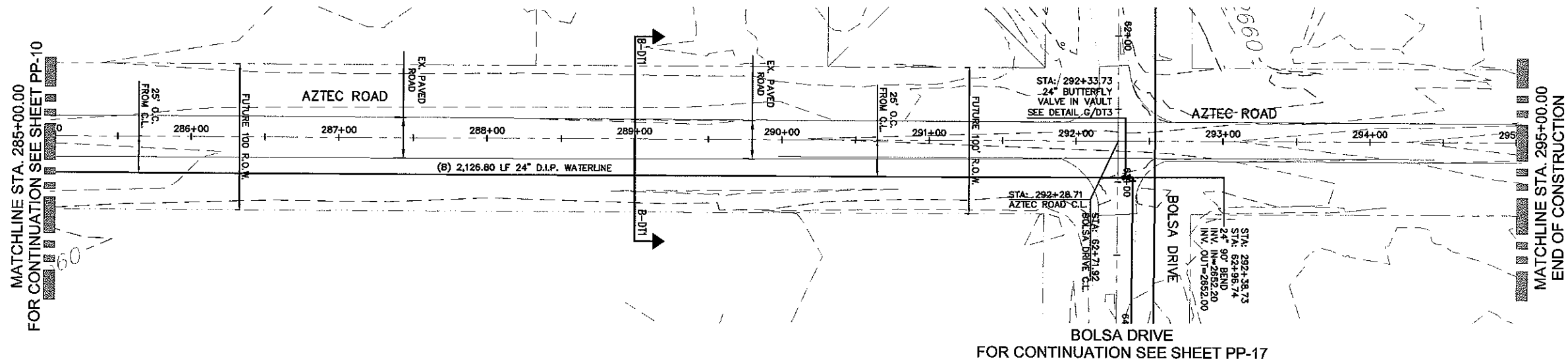
Stanley Consultants INC.
5520 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89113
(702) 359-0386 Fax (702) 359-9793
www.stanleyconsultants.com

PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 275+00.00 - 285+00.00
MOHAVE COUNTY
ARIZONA

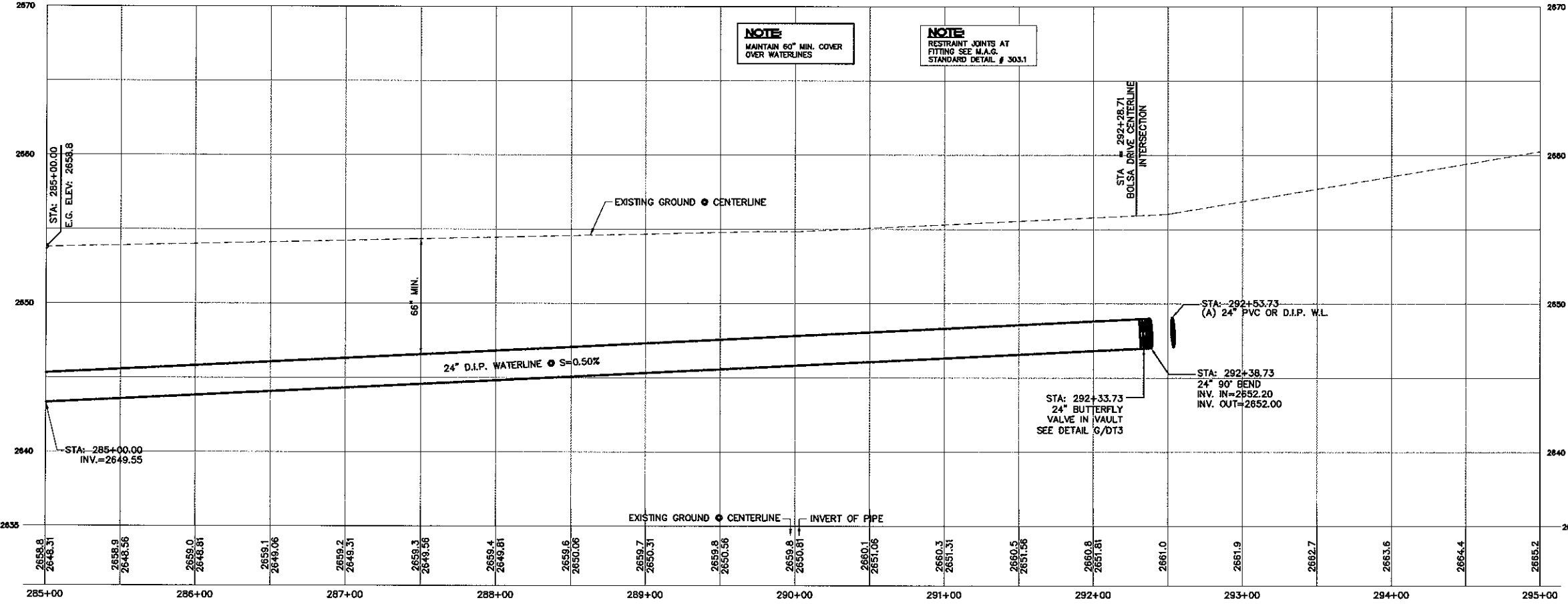
SHEET
PP-10
12 OF 31 SHEETS
SCI PROJECT#
18449.07.04

Q:\18449\dwg\A: RD-EXTENSION\Imp-Plans 30%\PH1\AZTEC-RD-EXT_PP-PP11.dwg, 3/20/2006 1:20 AM, \\LVG-PS1\hp5500-survey-pcl

Q:\18449\dwg\A\ RD-EXTENSION\Imp-Plans 30%\PH1\AZTEC-RD-EXT_PP7-PP11.dwg, 3/20/2006 10:18 AM, \\LVG-PS1\hp5500-survey-pcl



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

1-800-227-2600
before you Dig

1-702-227-2929
before you Overhead

BASIS OF BEARINGS
NORTH 001°24' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83), HEIGHT 2582.46391ft (NAVD'88)

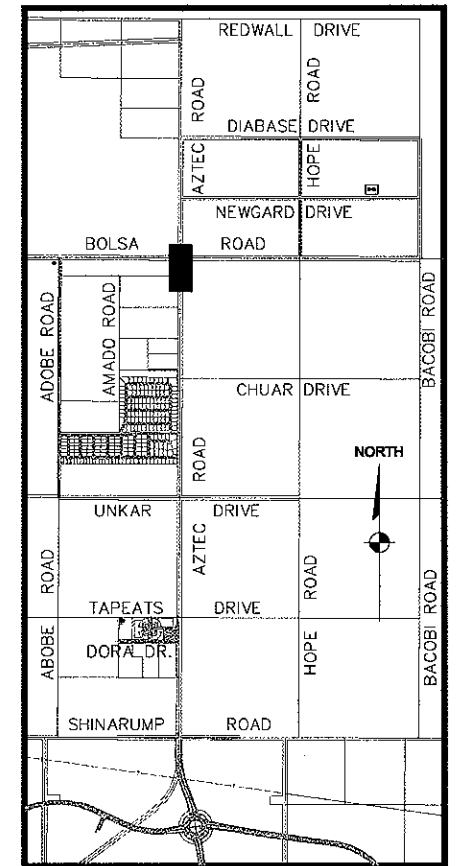
M.C.S.D. "SD 35" - LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83), HEIGHT 2466.56824ft (NAVD'88)

SEC COR 28/35/27 - LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'58.03545"W (NAD '83), HEIGHT 2505.65536ft (NAVD'88)

BENCHMARK
BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1989 "RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



KEYMAP
NOT TO SCALE

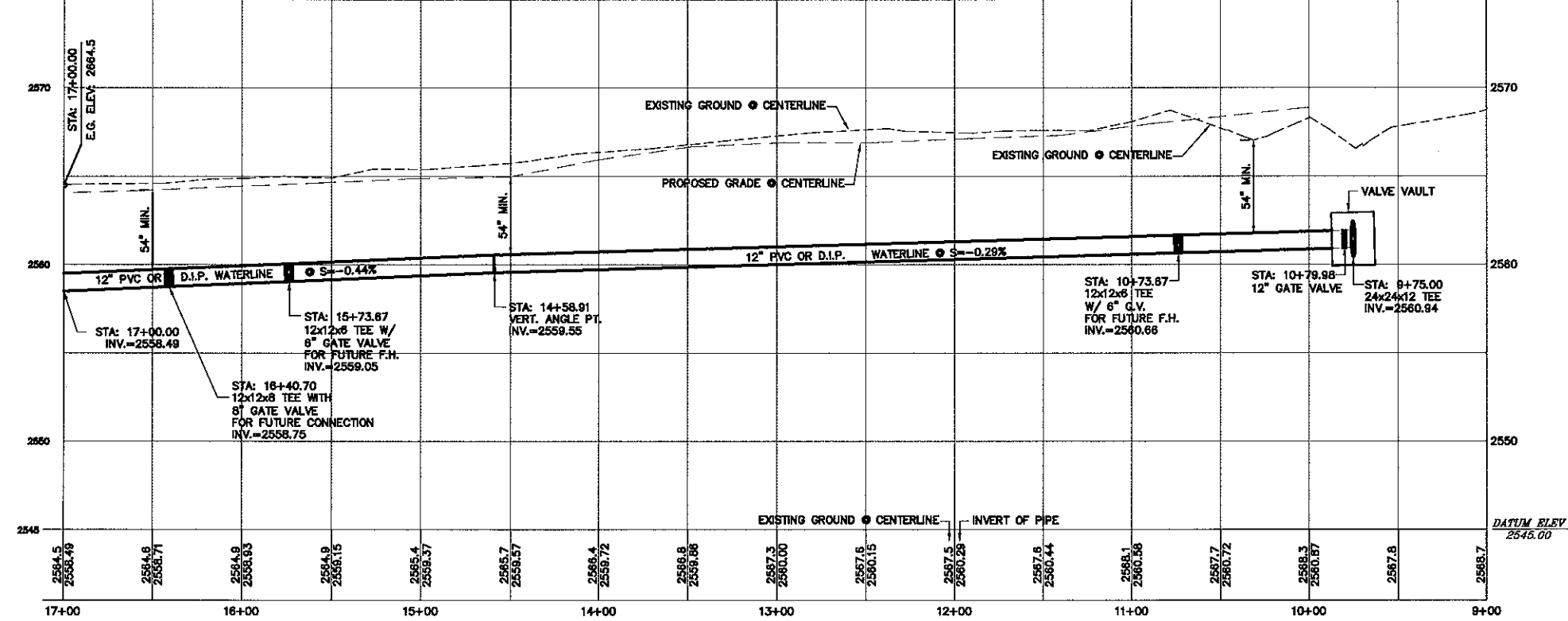
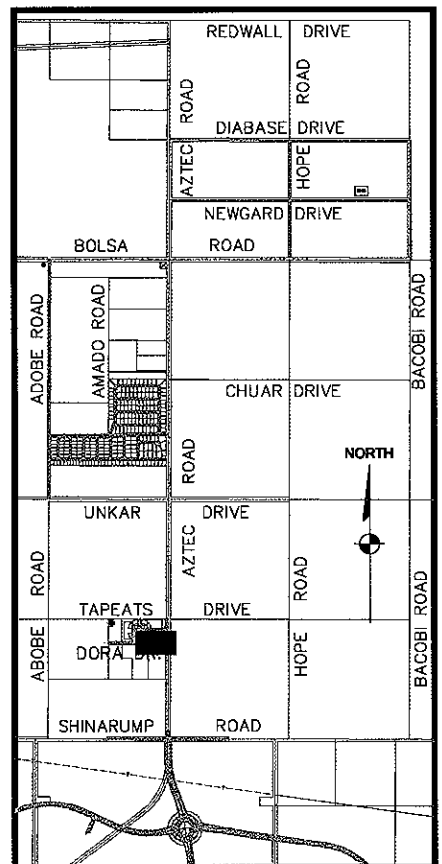
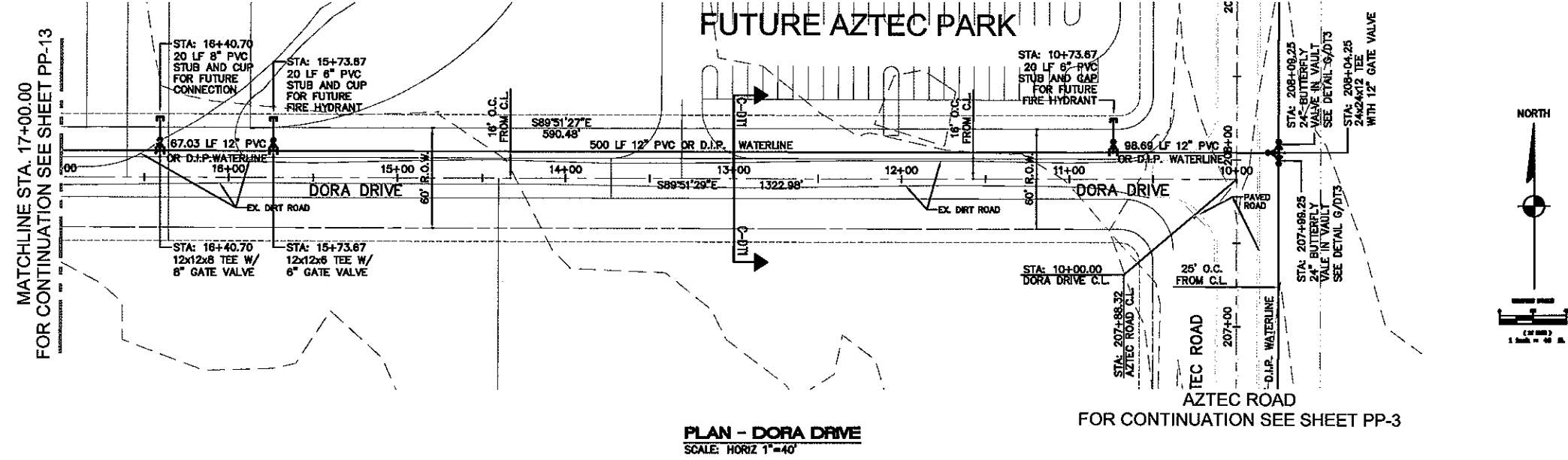
NOT FOR CONSTRUCTION
PRELIMINARY

Stanley Consultants INC.
3920 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-3336 Fax (702) 369-0793
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 278+50.00 - 285+00.00
MOHAVE COUNTY, ARIZONA

SHEET
PP-11
13 OF 31 SHEETS
SCI PROJECT#
18449.07.04

DATE 11/22/05
CHECKED BY DLA
DRAWN BY EMG
SCALE (H) 1"=40'
SCALE (V) 1"=4'



DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

1-800-227-2600
1-702-227-2929
1-702-227-2929
1-702-227-2929

BASIS OF BEARING

NORTH 001°24'7" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-CPLS.

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2862.014M (NAVD '88)
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY

Stanley Consultants INC.
5020 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-3396 Fax (702) 369-9733
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE-DORA DRIVE
PLAN AND PROFILE - STA 9+00.00 - 17+00.00
MOHAVE COUNTY ARIZONA

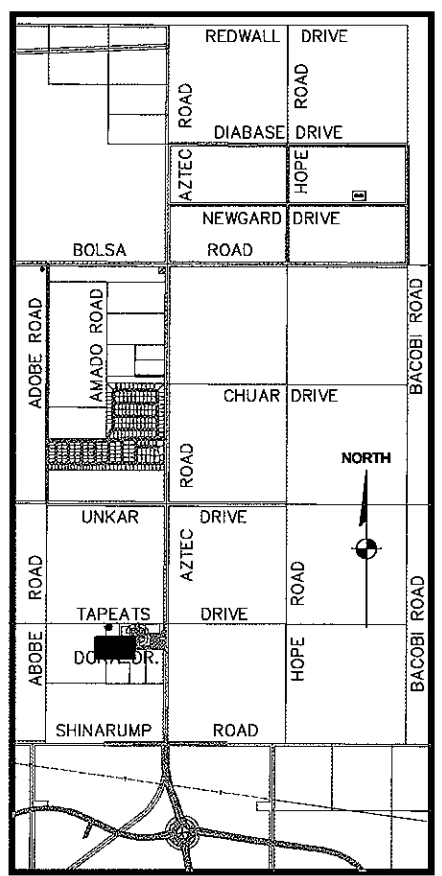
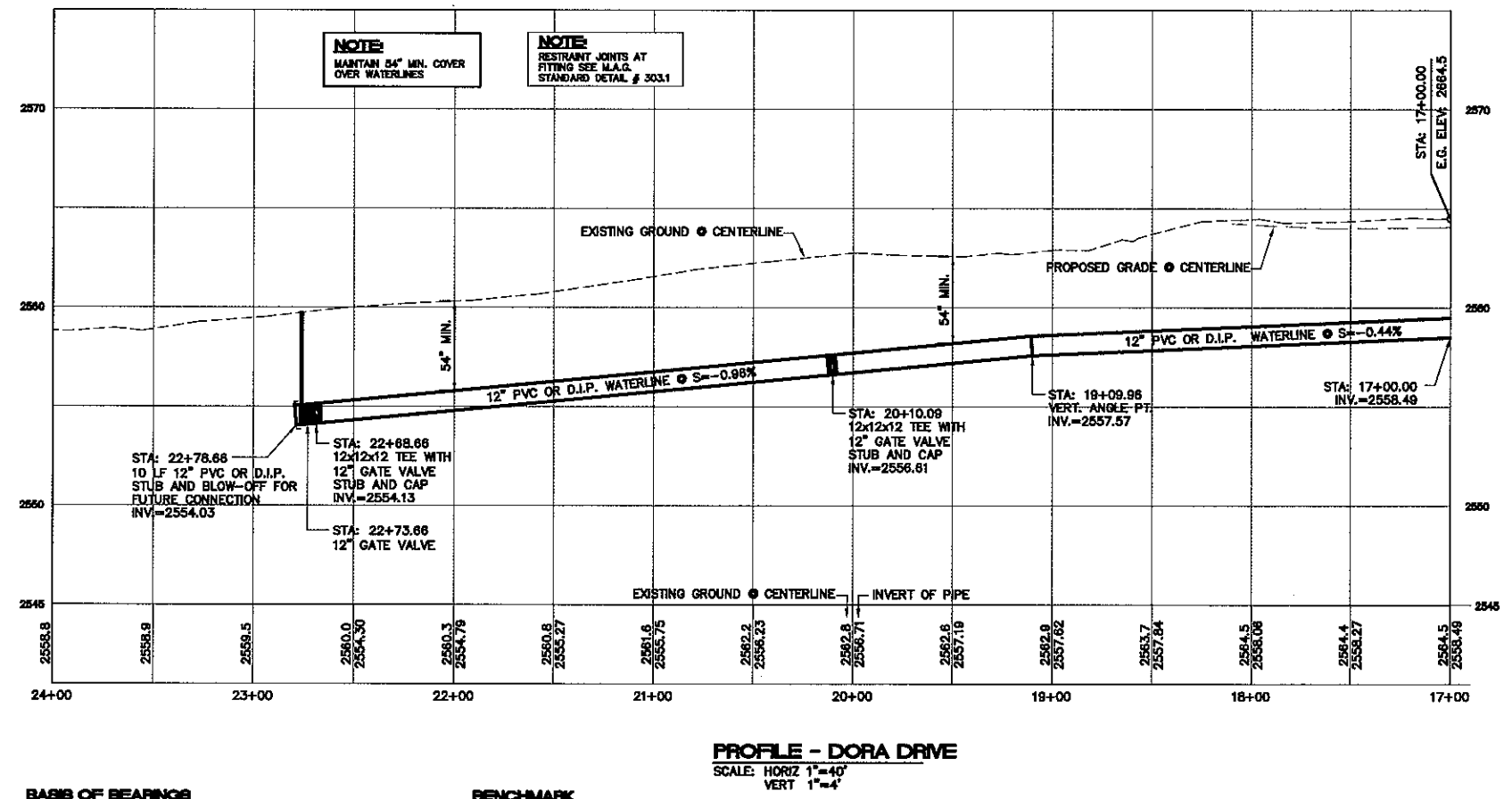
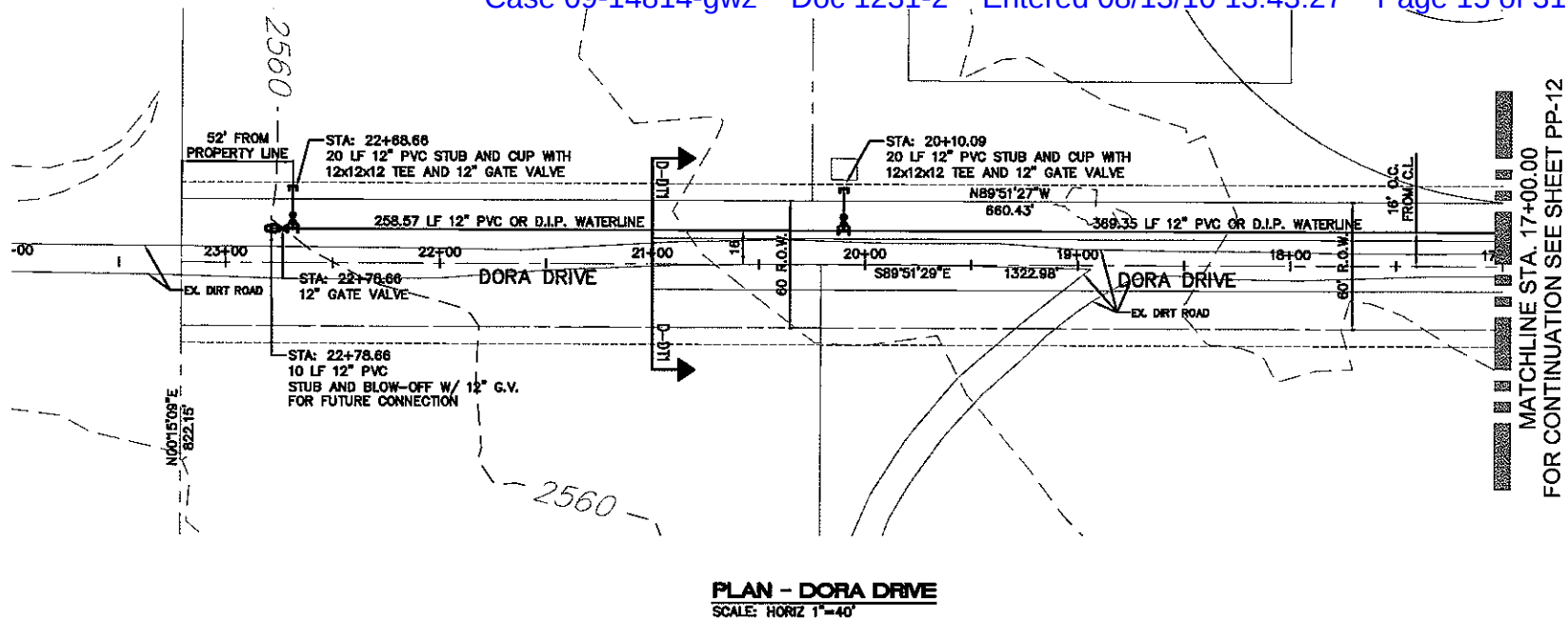
SHEET
PP-12
14 OF 31 SHEETS
SCL PROJECT#
18448.07.04

\\LVG-PS1\hp5500-survey-pcl

RD-EXTENSION\Imp-Plans 30%\PH1\DORA DR_PP12-PP13.dwg, 4/5/2006 9:02:0

Q:\18449\dwg\A

ST-RH035615



DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call before you Overhead
1-702-227-2929
NATIONAL POWER EXTERMINATOR AND SAFETY SERVICE BUREAU

BASIS OF BEARING

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HGS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83), HEIGHT 2582.483611M (NAVD '83)

M.C.S.D. "SD 35" - LATITUDE 35°09'22.45032"N, LONGITUDE 114°09'58.56306"W (NAD '83), HEIGHT 2488.58824H (NAVD '88)

SEC COR 28/35/34/27 - LATITUDE 35°10'15.19764"N, LONGITUDE 114°09'59.03546"W (NAD '83), HEIGHT 2505.05536H (NAVD '88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2882.0141M (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1989 "RLS 10343", CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY



Stanley Consultants INC.

9820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-3386 Fax (702) 369-3793
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE-DORA DRIVE
PLAN AND PROFILE - STA. 17+00.00 - 24+00.00
MOHAVE COUNTY ARIZONA

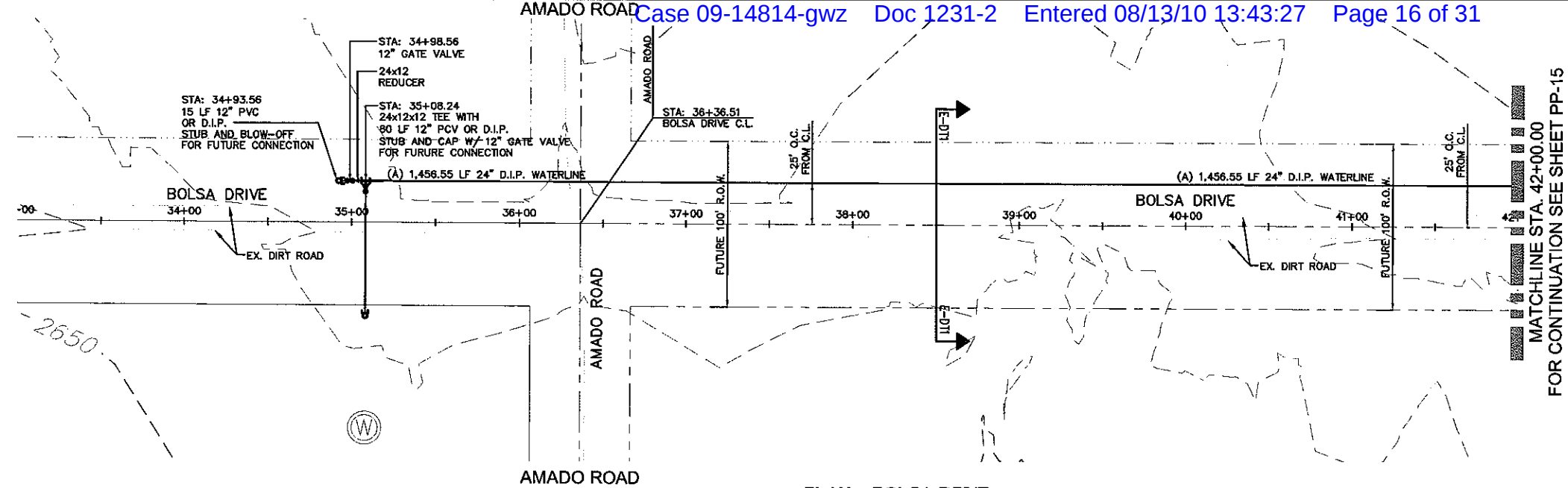
SHEET
PP-13
15 OF 31 SHEETS

SCI PROJECT#
18449.07.04

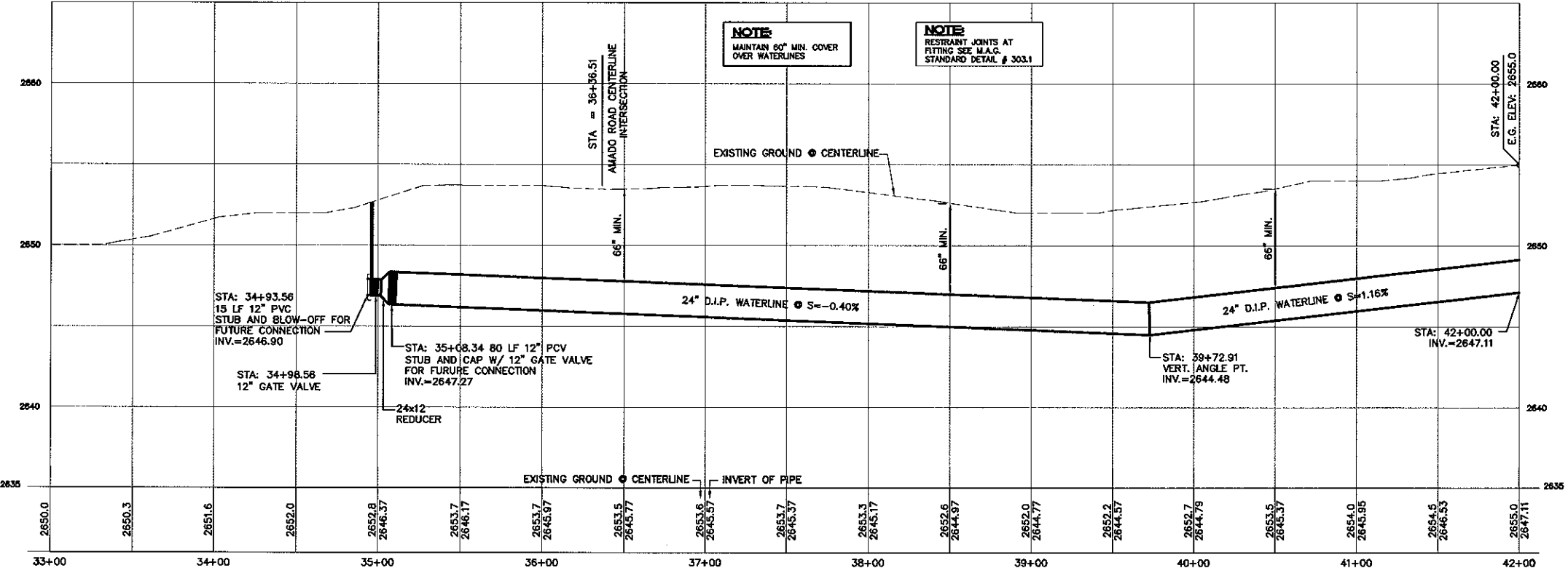
SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

Q:\18449\dwg\A RD-EXTENSION\Imp-Plans 30%\PH1\BOLSA-RD_PP14-PP19.dwg, 4/5/2006 9:03:02 , \\LVG-PS1\hp5500-survey-pc

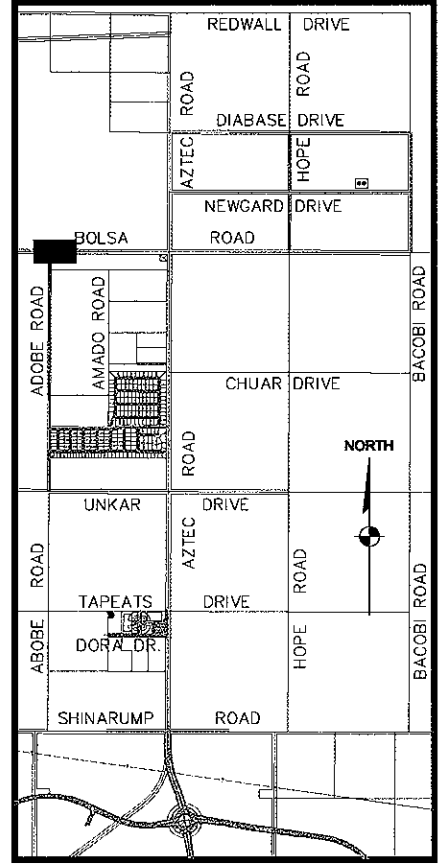
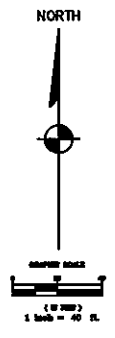
ST-RH035616



PLAN - BOLSA DRIVE
SCALE: HORIZ 1"=40'



PROFILE - BOLSA DRIVE
SCALE: HORIZ 1"=40'
VERT 1"=4'



KEYMAP
NOT TO SCALE

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you dig
1-800-227-2600
underground service (usa)

Avoid overhead power line contact.
Call before you Overhead
1-702-227-2929
overhead power line service (usa)

BASIS OF BEARING

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.46381ft (NAVD'88)

M.C.S.D. "SD 35" - LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.56824ft (NAVD'88)

SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'58.03545"W (NAD '83) HEIGHT 2505.65538ft (NAVD'88)

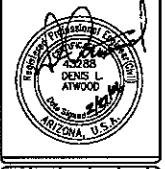
BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



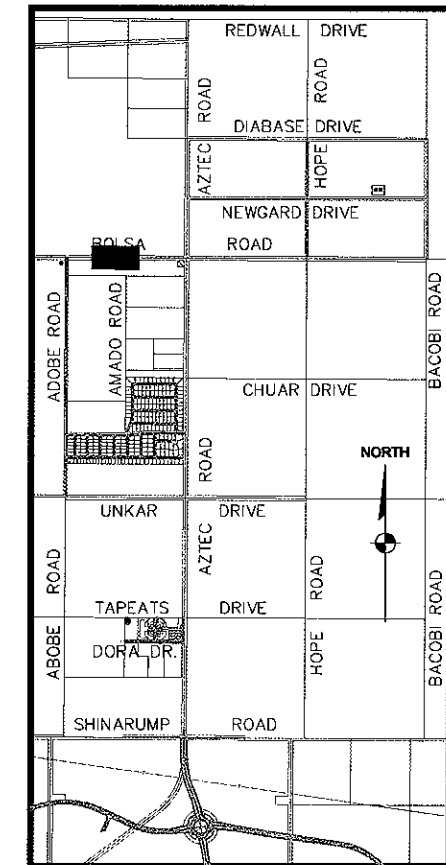
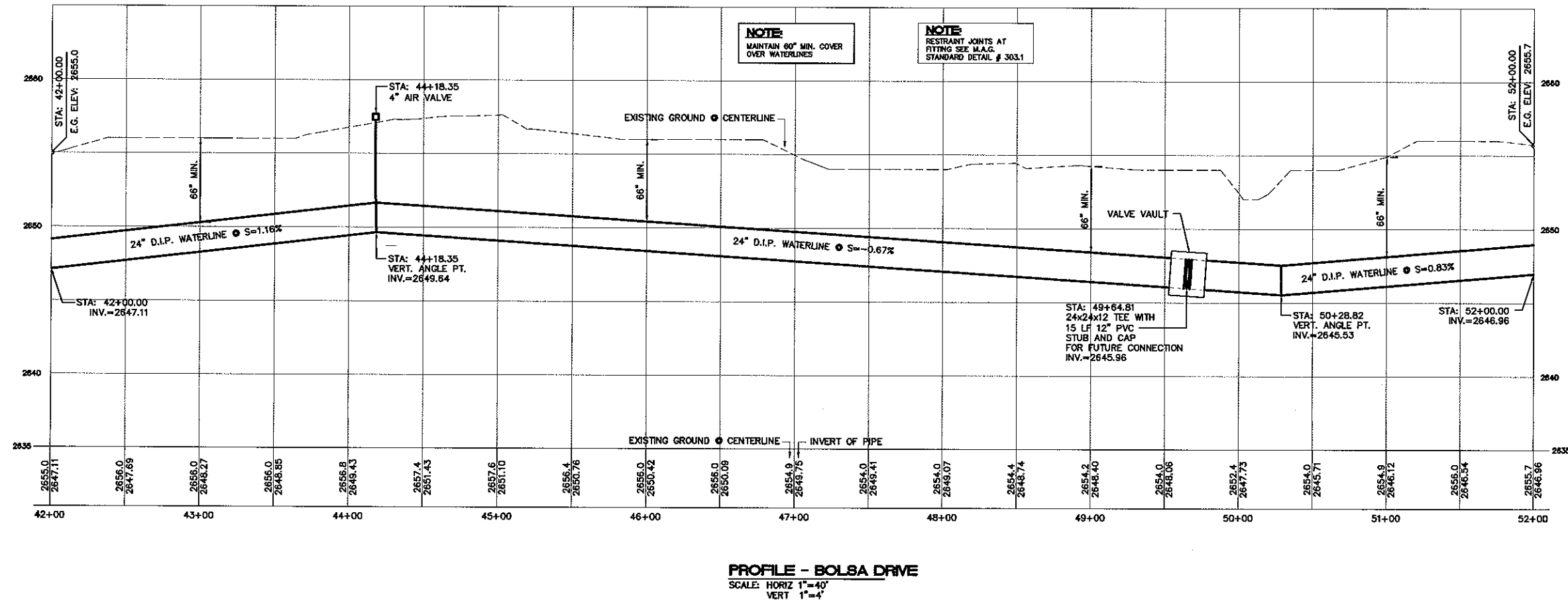
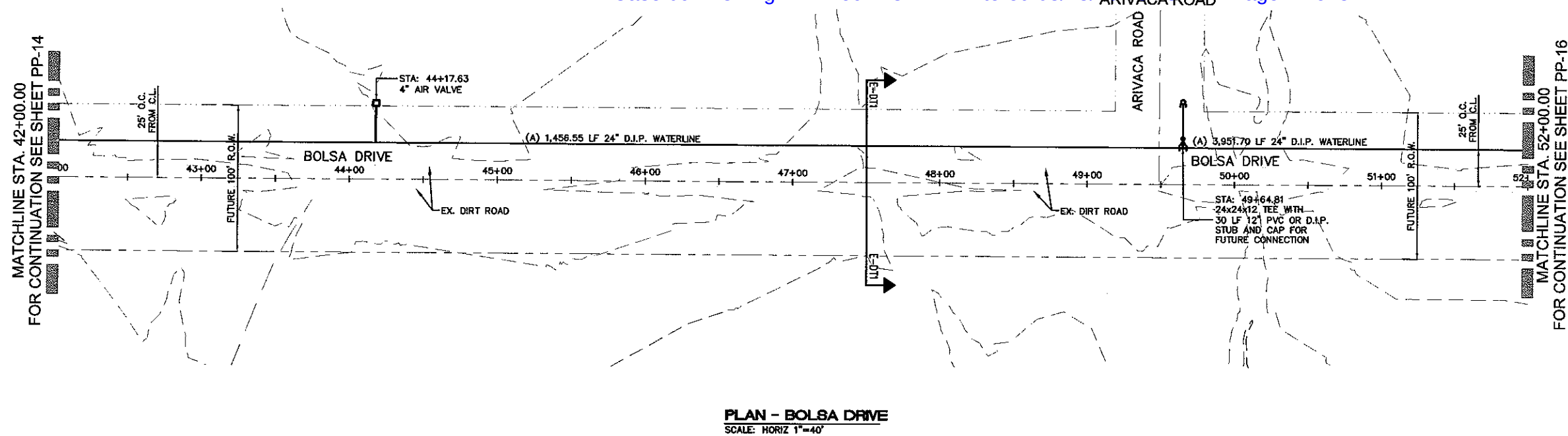
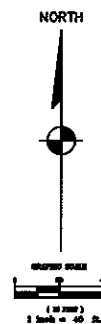
DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	EMG
SCALE (V)	1"=4'
SCALE (H)	1"=40'

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 389-9386 Fax (702) 389-9793
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - BOLSA DR
PLAN AND PROFILE - STA. 33+00.00 - 42+00.00
MOHAVE COUNTY
ARIZONA

SHEET
PP-14
16 OF 31 SHEETS
SCI PROJECT#
18449.07.04

NOT FOR CONSTRUCTION
PRELIMINARY

MATCHLINE STA. 42+00.00
FOR CONTINUATION SEE SHEET PP-14KEYMAP
NOT TO SCALE**DISCLAIMER NOTE**

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. I SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call before you Overhead
1-702-227-2929
NATIONAL POWER OVERHEAD AND SAFETY SERVICES (NPOSS)

BASIS OF BEARING

NORTH 001°2'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD83), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83), HEIGHT 2562.0141ft (NAVD '88)
M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83), HEIGHT 2466.56824ft (NAVD '88)
SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'59.03545"W (NAD '83), HEIGHT 2505.65530ft (NAVD '88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION = 2662.0141ft (NAVD '88)
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 T.S. 10343" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



DATE	11/22/05
CHECKED BY	D.A.
DRAWN BY	ENG
SCALE (V)	1"=4'
SCALE (H)	1"=40'

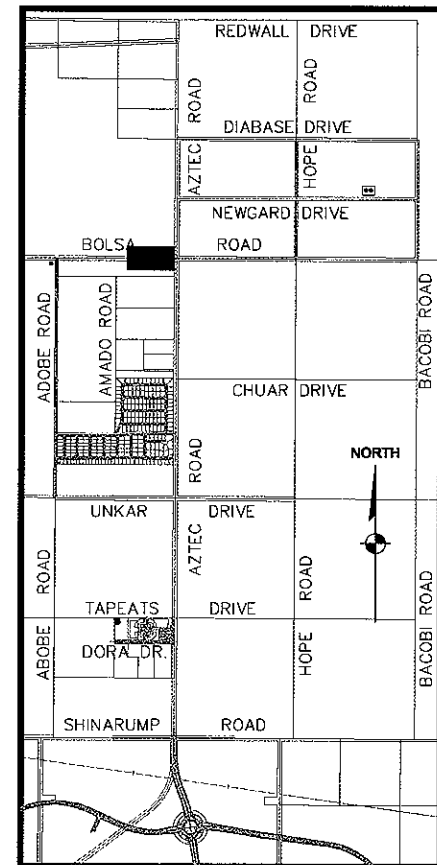
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-3996 Fax (702) 369-9793
www.stanleygroup.com

Stanley Consultants INC.

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - BOLSA DR.
PLAN AND PROFILE - STA. 42+00.00 - 52+00.00
MOHAVE COUNTY ARIZONA

SHEET
PP-15
17 OF 31 SHEETS
SCI PROJECT#
18449.07.04

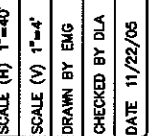
NOT FOR CONSTRUCTION
PRELIMINARY



NORTH

0 10 20 30 40 50 60 70 80 90 100

1 inch = 40 ft.



Stanley Corbin

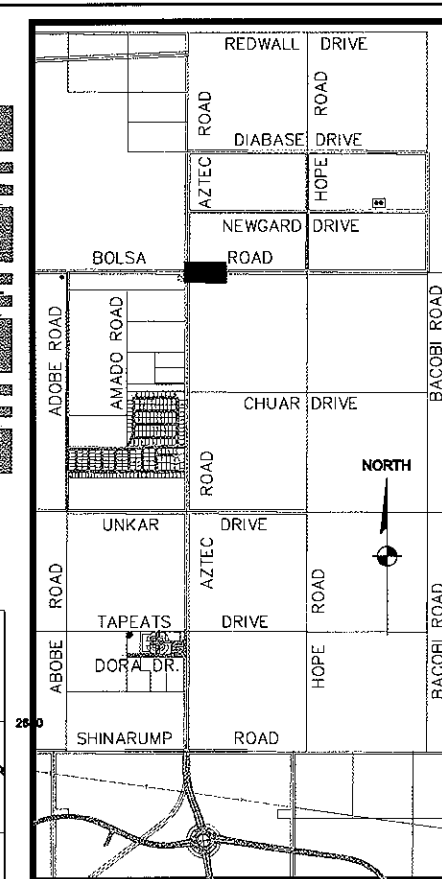
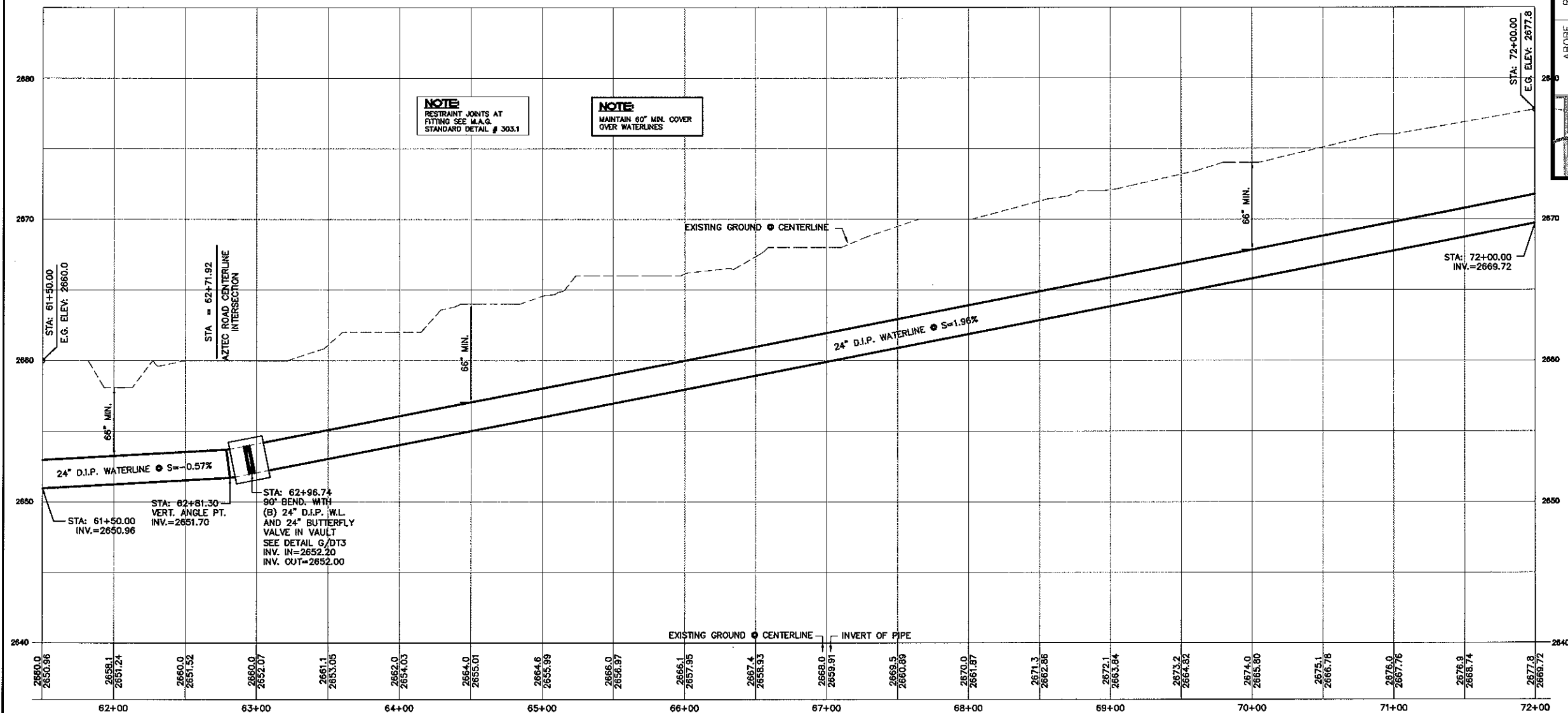
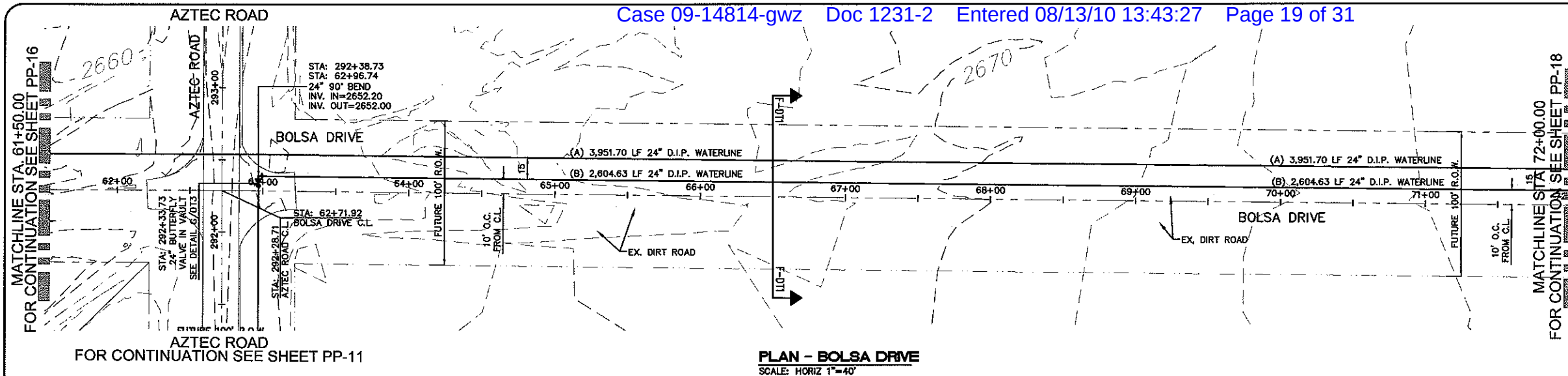
SHEET
PP-16
OF 31 SHEETS
PCI PROJECT#
18449.07.04

Avoid overhead power
line contact.
**Call
before you
Overhead**
1-702-227-2929
NEVADA POWER ENVIRONMENT
AND SAFETY SERVICES DEPARTMENT

REFER TO M.A.G. STANDARD DWG. # 302
FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION

PRELIMINARY



DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
1-800-227-2600
UTILITY SERVICE (US)

Call before you Overhead
1-702-227-2529
OVERHEAD SERVICE (OS)

BASIS OF BEARINGS

NORTH 001°24'7" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NIP), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

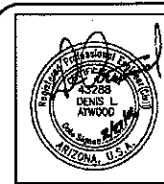
M.C.S.D. "SD 32" = LATITUDE 35°08'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2582.463811R (NAVD'88)
M.C.S.D. "SD 35" = LATITUDE 35°08'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.568241R (NAVD'88)
SEC COR 28/35/34/27 = LATITUDE 35°10'15.19784"N, LONGITUDE 114°10'58.03545"W (NAD '83) HEIGHT 2505.655381R (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.0141R (NAVD '88)
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1998 "RLS 1034", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	EMG
SCALE (H)	1"=40'
SCALE (V)	1"=4'

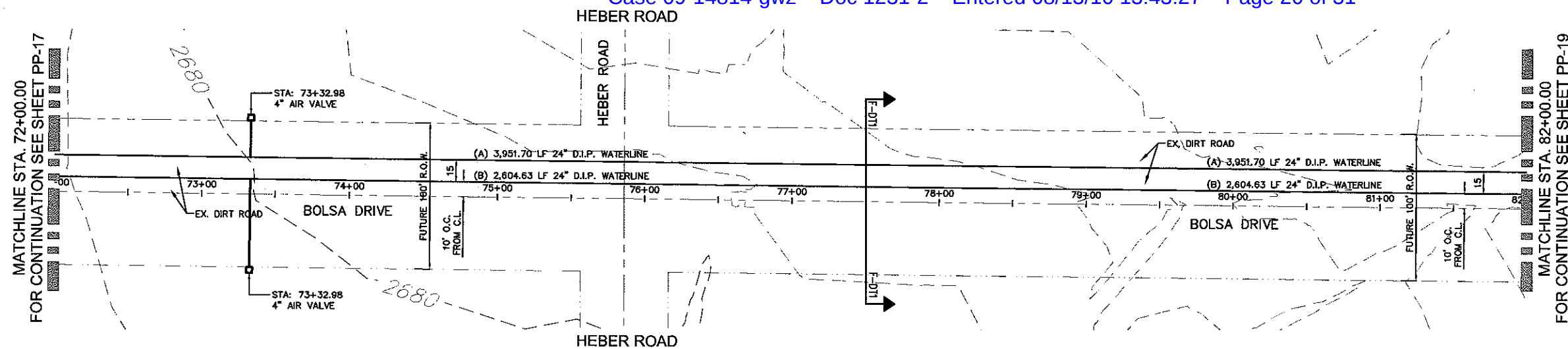
3920 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9356 Fax (702) 369-9793
www.stanleygroup.com

Stanley Consultants INC.

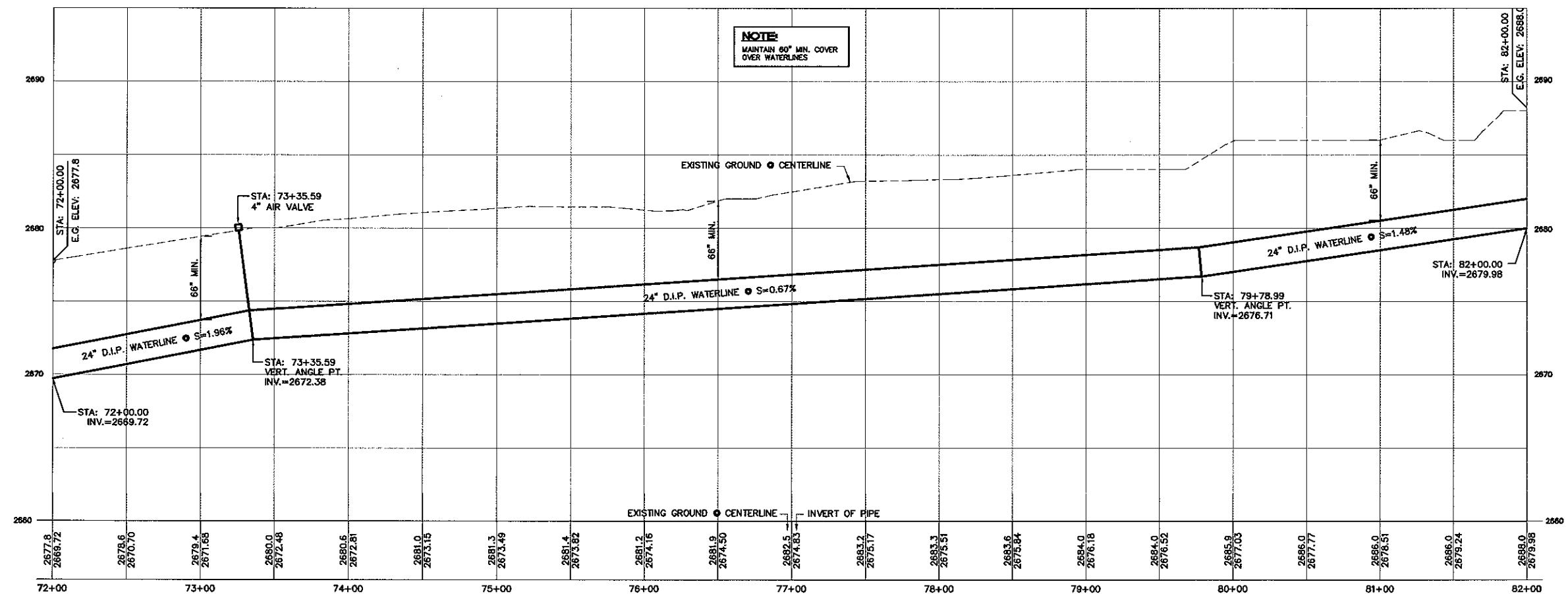
PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - BOLSA DR.
PLAN AND PROFILE - STA. 61+50.00 - 72+00.00
MOHAVE COUNTY
ARIZONA

SHEET
PP-17
19 OF 31 SHEETS
SCI PROJECT#
18449.07.04

NOT FOR CONSTRUCTION
PRELIMINARY



PLAN - BOLSA DRIVE
SCALE: HORIZ 1"=40'



PROFILE - BOLSA DRIVE
SCALE: HORIZ 1"=40'
VERT 1"=4'

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVER-HEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.

Call
before you
Dig

1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power
line contact. Call
before you
Overhead
1-702-227-2929
NEVADA POWER ENVIRONMENT
AND SAFETY SERVICES DEPARTMENT

BASIS OF BEARINGS

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N,
LONGITUDE 114°10'51.57240"W (NAD '83)
HEIGHT 2562.46391R (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N,
LONGITUDE 114°10'58.56309"W (NAD '83)
HEIGHT 2466.56824R (NAVD'88)

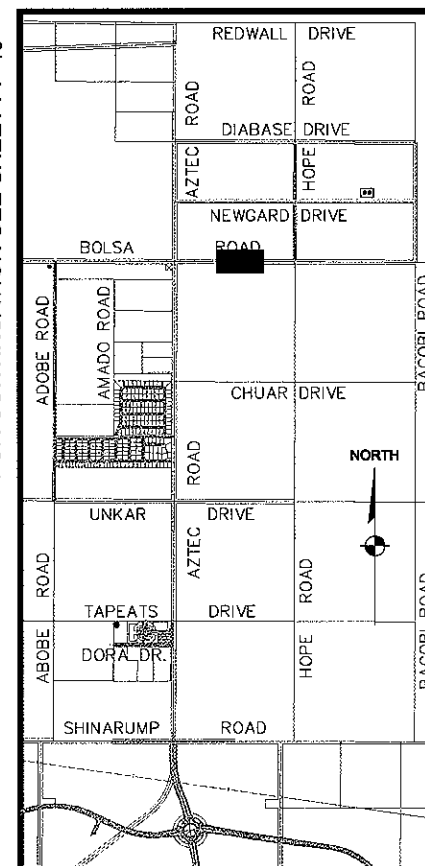
SEC COR 26/35/34/27 = LATITUDE 35°10'15.19764"N,
LONGITUDE 114°10'59.03345"W (NAD '83)
HEIGHT 2506.65536R (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D.
 ELEVATION= 2662.014ft (NAVD '88)
 DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE
 COUNTY 1989 "RLS 10343", LOCATED AT THE SOUTHWEST
 CORNER OF AZTEC ROAD & BOLSA DRIVE.

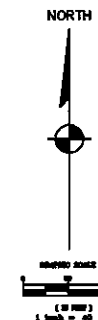
NOTE:

REFER TO M.A.G. STANDARD DWG. # 302
FOR D.I.P. JOINT RESTRAINTS



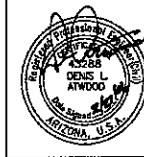
KEYMAP

NOT TO SCALE



NOT FOR CONSTRUCTION

PRELIMINARY



SCALE (H) 1"=40'

SCALE (V) 1"=4'

DRAWN BY EMG

CHECKED BY DLA

820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119



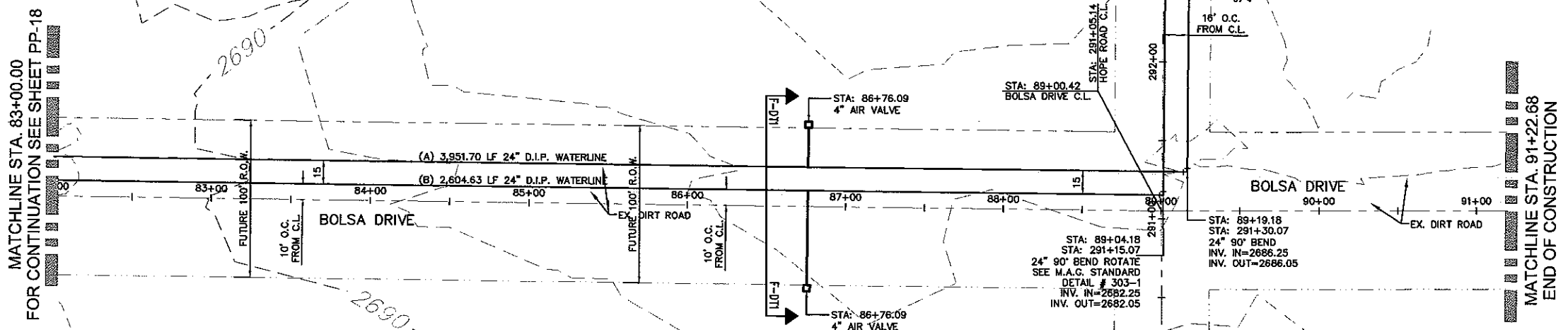
Stanley Consultants INC.

**RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH**

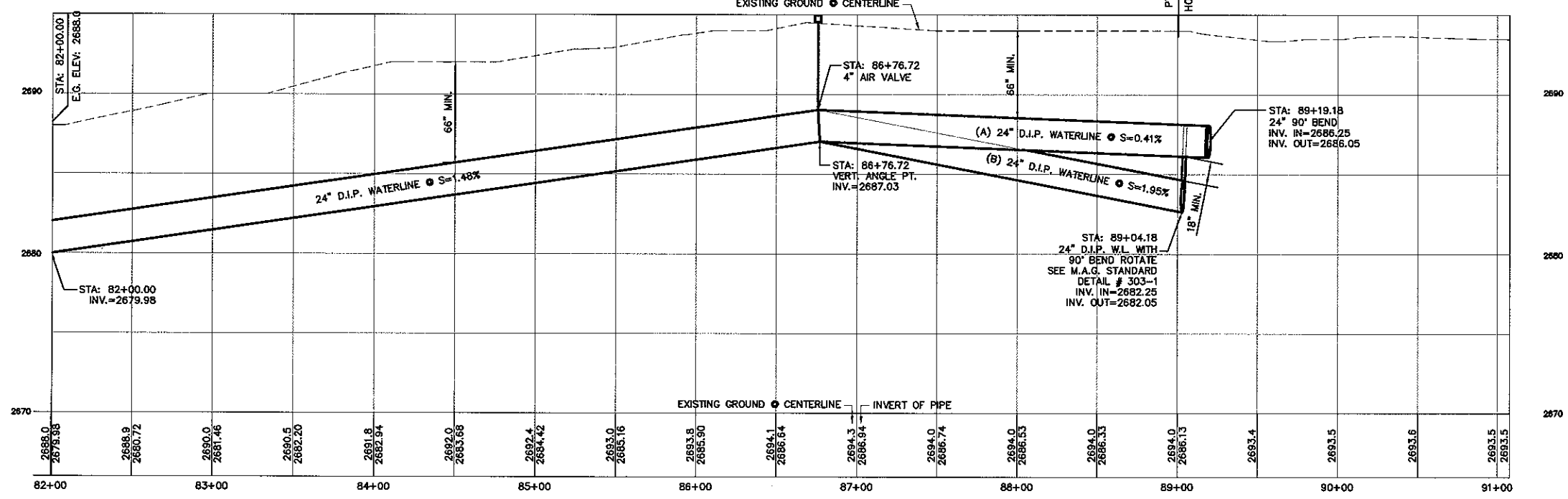
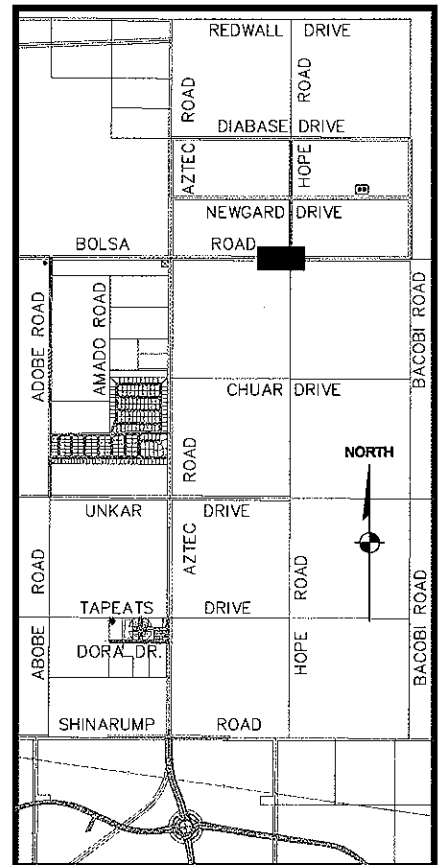
OFFSITE WATER TRANSMISSION LINE - BOLSA DR.
PLAN AND PROFILE - STA. 72+00.00 - 82+00.00

5. **ANALYSIS** **6. CONCLUSIONS**

SHEET
PP-18
20 OF 31 SHEETS
SCI PROJECT
18449.07.04



PLAN - BOLSA DRIVE
SCALE: HORIZ 1"=40'



PROFILE - BOLSA DRIVE
SCALE: HORIZ 1"=40'
VERT 1"=4'

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
1-800-227-2600
Call before you Overhead
1-702-227-2929

BASIS OF BEARINGS

NORTH 001°24' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, Q1A & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2582.48381ft (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56308"W (NAD '83) HEIGHT 2466.56824ft (NAVD'88)

SEC COR 28/35/34/27 = LATITUDE 35°10'15.19784"N, LONGITUDE 114°10'59.03545"W (NAD '83) HEIGHT 2505.65538ft (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D., ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY

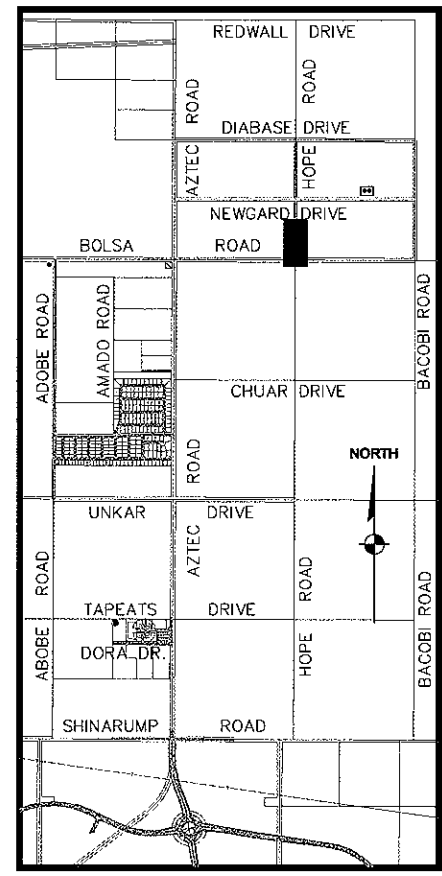
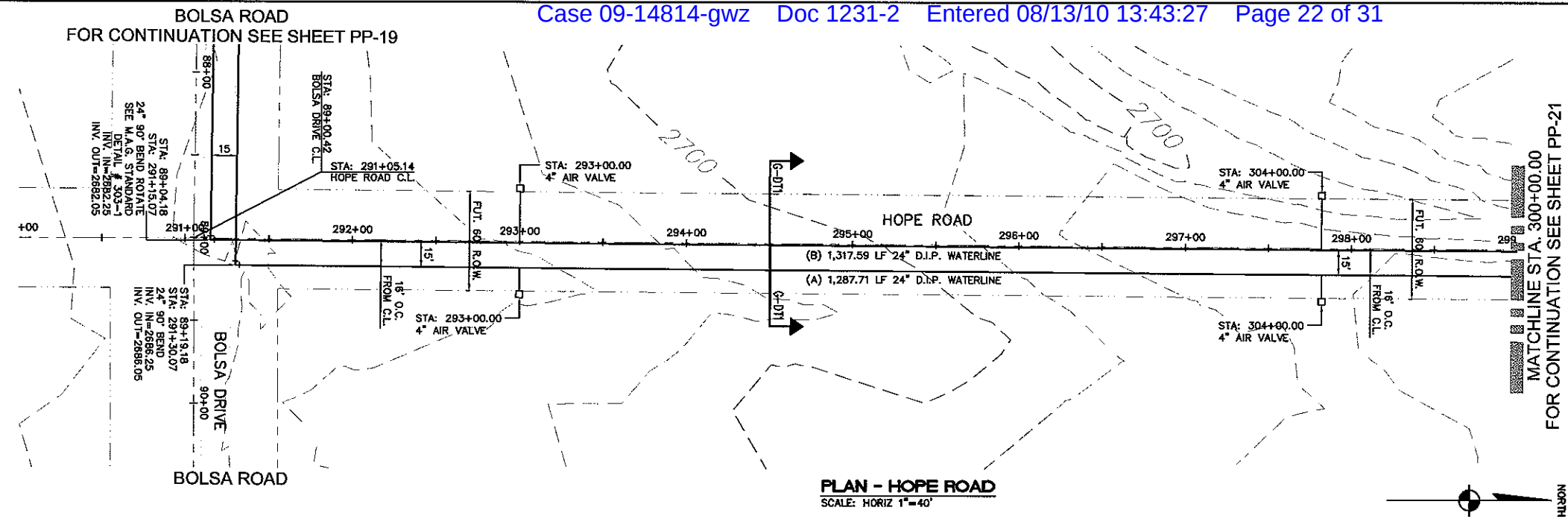


DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	ENG
SCALE (V)	1"=4'
SCALE (H)	1"=40'

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 395-9396 Fax (702) 395-9793
www.stanleygroup.com

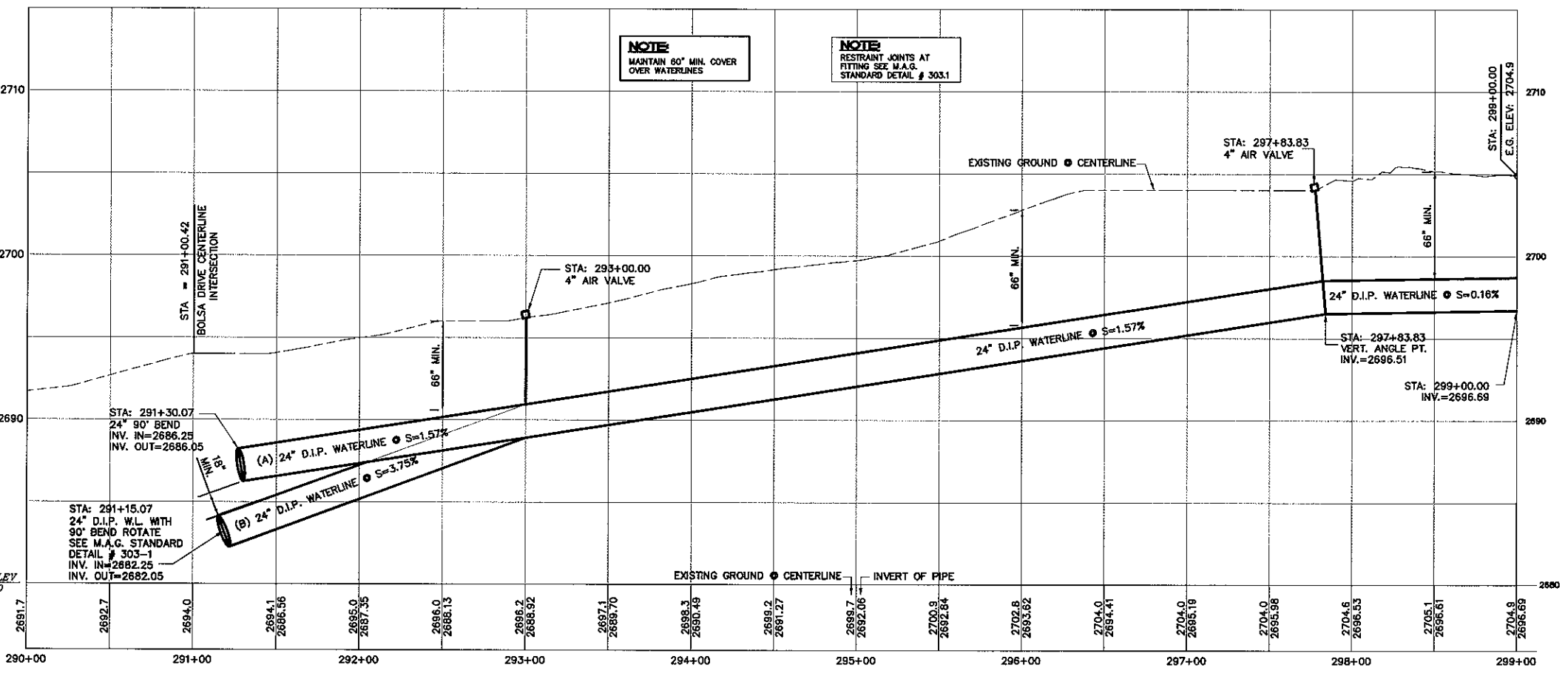
RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - BOLSA DR.
PLAN AND PROFILE - STA. 82+00.00 - 91+22.68
MOHAVE COUNTY
ARIZONA

SHEET
PP-19
21 OF 31 SHEETS
SCI PROJECT#
18449.07.04



DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	ENG
SCALE (H)	1"=40'
SCALE (V)	1"=4'

STANLEY CONSULTANTS INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 366-9355 Fax (702) 366-9393
www.stanleygroup.com



DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

1-800-227-2600
UNDERGROUND SERVICE (USA)

1-702-227-2929
WHILE WORK IS IN PROGRESS
AND SAFETY SERVICE SUPERVISOR

BASIS OF BEARING
NORTH 001°24' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.46391ft (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'58.56309"W (NAD '83) HEIGHT 2466.56824ft (NAVD'88)

SEC COR 26/35/34/27 = LATITUDE 35°10'15.19784"N, LONGITUDE 114°10'58.03545"W (NAD '83) HEIGHT 2505.65536ft (NAVD'88)

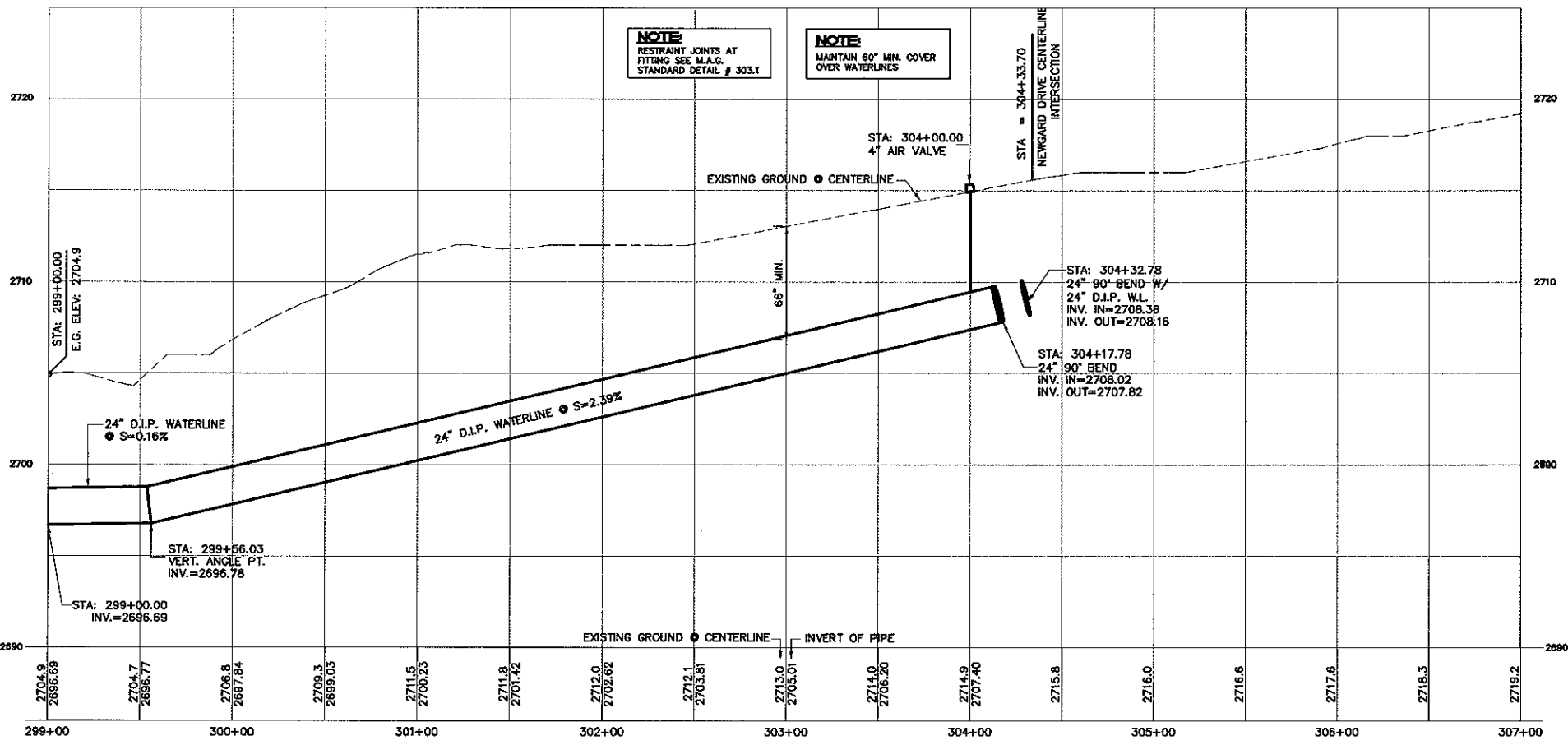
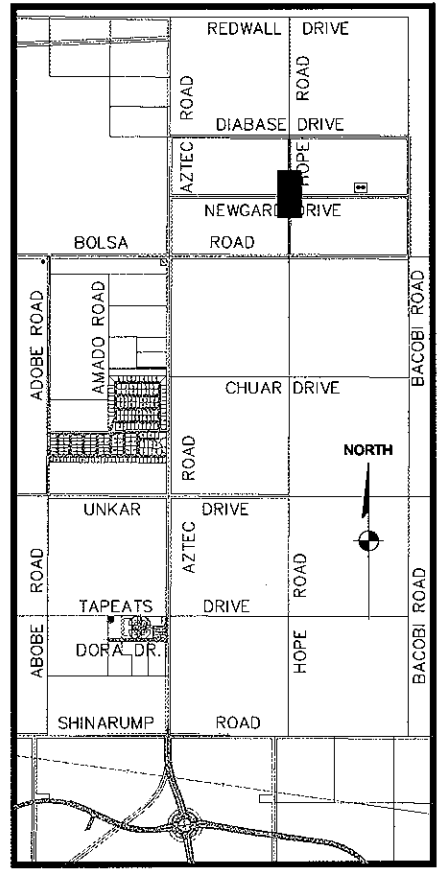
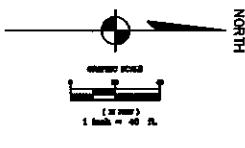
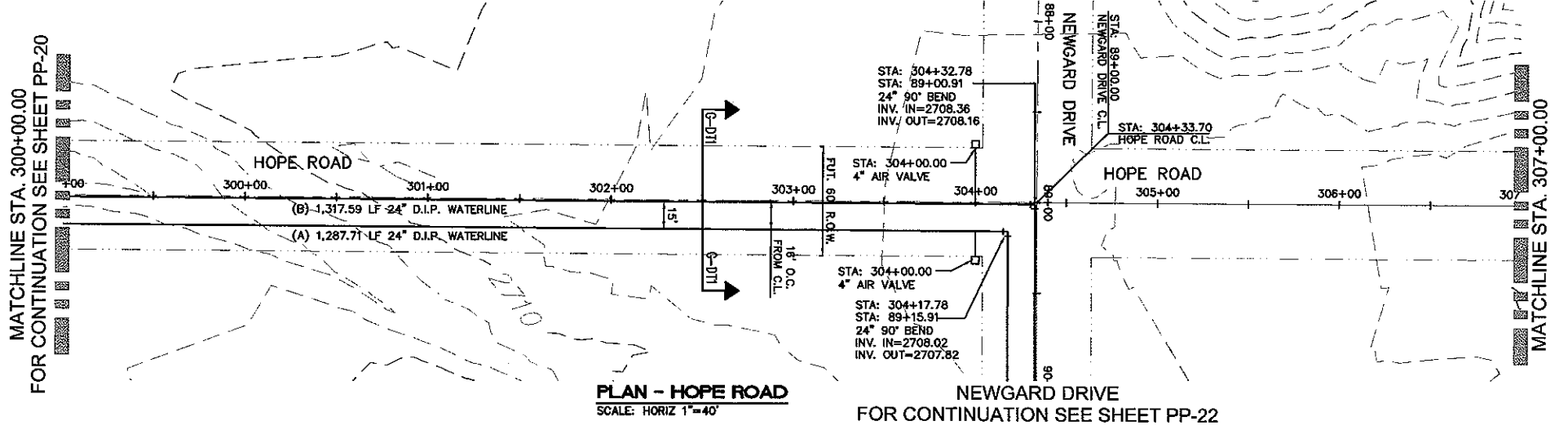
BENCHMARK
BENCHMARK # "AZT 5" M.C.S.D.
ELEVATION= 2662.014ft (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "LS 10343" LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PP-20
22 OF 31 SHEETS
SCI PROJECT # 18449.07.04

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - HOPE RD.
PLAN AND PROFILE - STA. 290+00.00 - 299+00.00
MOHAVE COUNTY, ARIZONA



DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
1-800-227-2600
Call before you Overhead
1-702-227-2929

BASIS OF BEARINGS

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD83), WEST ZONE INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57240"W (NAD '83), HEIGHT 2562.463011R (NAVD'88)

M.C.S.D. "SD 35" = LATITUDE 35°09'22.43032"N, LONGITUDE 114°10'53.56309"W (NAD '83), HEIGHT 2466.568241R (NAVD'88)

SEC COR 28/35/24/27 = LATITUDE 35°10'15.19764"N, LONGITUDE 114°10'59.03545"W (NAD '83), HEIGHT 2505.655361R (NAVD'88)

BENCHMARK

BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.0141R (NAVD '88)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE COUNTY 1999 "RLS 10343", LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY

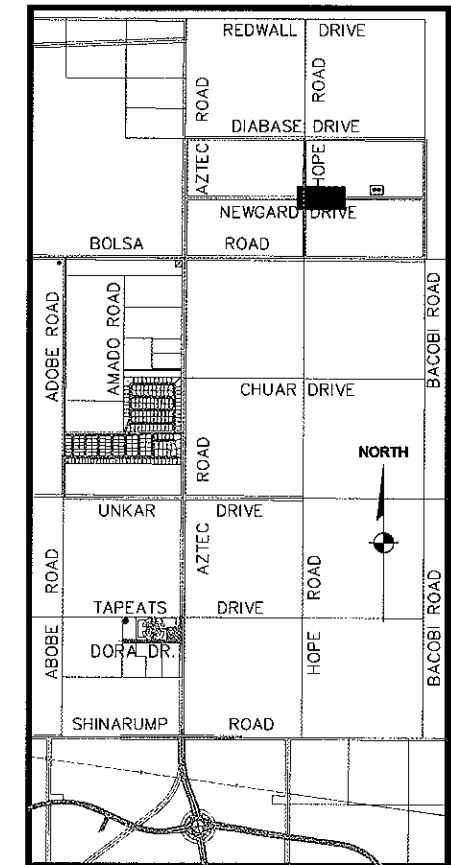
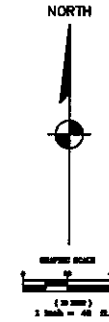


DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	EMG
SCALE (H)	1"=40'
SCALE (V)	1"=4'

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 368-3356 Fax (702) 368-9793
www.stanleyconsultants.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - HOPE RD.
PLAN AND PROFILE - STA. 299+00.00 - 307+00.00
MOHAVE COUNTY
ARIZONA

SHEET
PP-21
23 OF 31 SHEETS
SCI PROJECT#
18449.07.04



SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05



BENCHMARK @ "AZT 5" M.C.S.D.
ELEVATION= 2662.014ft (NAVD '88)

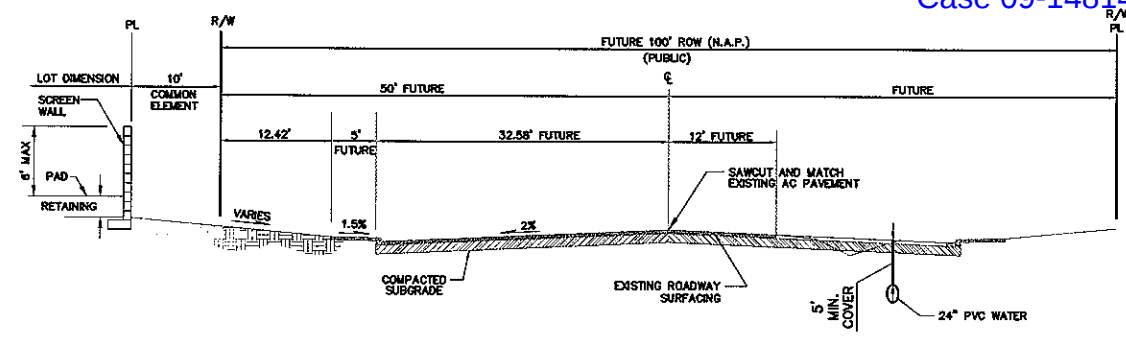
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MOHAVE
COUNTY 1989 "RLS 10343", LOCATED AT THE SOUTHWEST
CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOT FOR CONSTRUCTION

PRELIMINARY

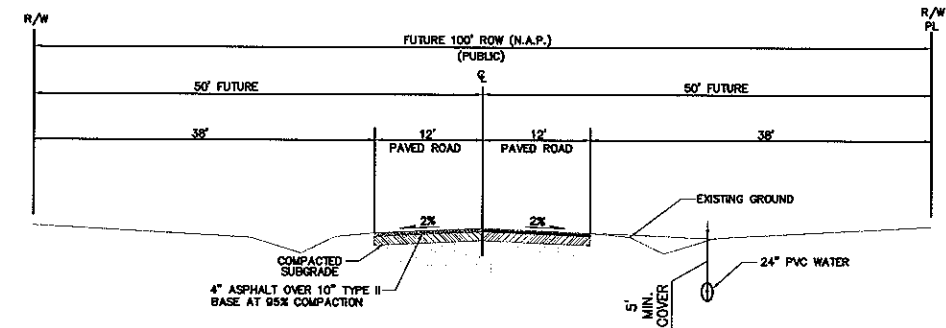
RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH	OFFSITE WATER TRANSMISSION LINE - NEWGARD DR. PLAN AND PROFILE - STA. 87+00.00 - 96+00.00 MOHAVE COUNTY ARIZONA
--	---

SHEET
PP-22
24 OF 31 SHEETS
SCI PROJECT#
18449.07.04

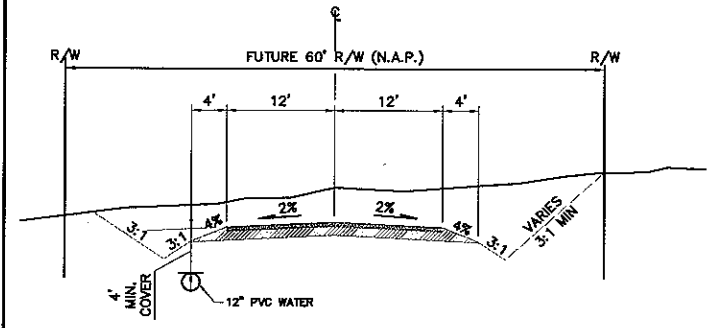


A TYPICAL 100' RIGHT-OF-WAY HALF STREET SECTION
DT1 PUBLIC STREET N.T.S. **AZTEC ROAD**

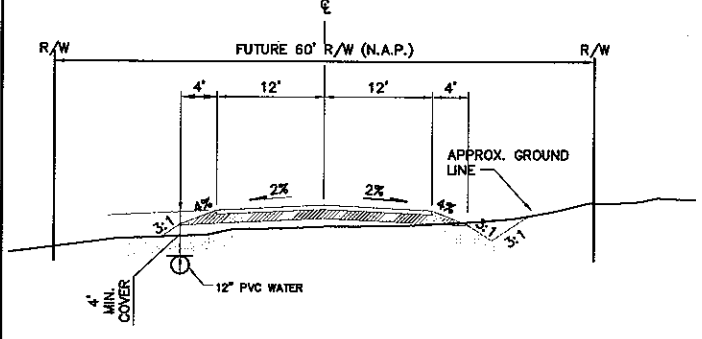
* AZTEC ROAD IMPROVEMENTS TO BE PART OF OFF-SITE ROADWAY IMPROVEMENT PACKAGE PREPARED BY STANLEY CONSULTANTS.



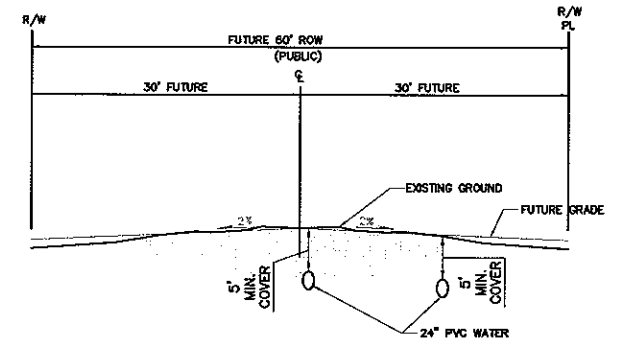
B AZTEC ROAD - ASPHALT SECTION
DT1 PUBLIC STREET N.T.S.



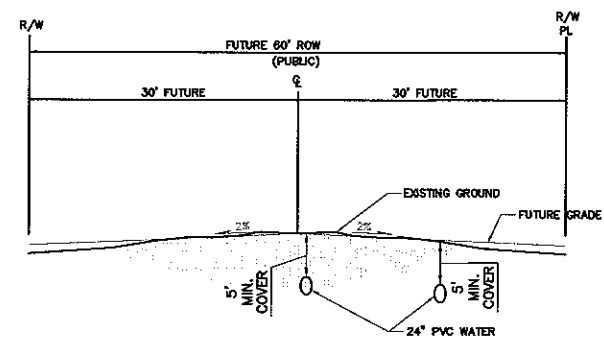
C FUTURE DORA DRIVE - ASPHALT SECTION
DT1 PUBLIC STREET N.T.S.



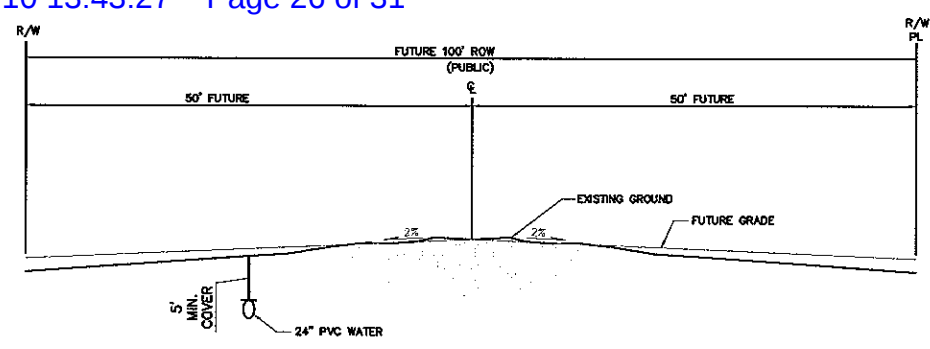
D DORA DRIVE - GRAVEL SECTION
DT1 PUBLIC STREET N.T.S.



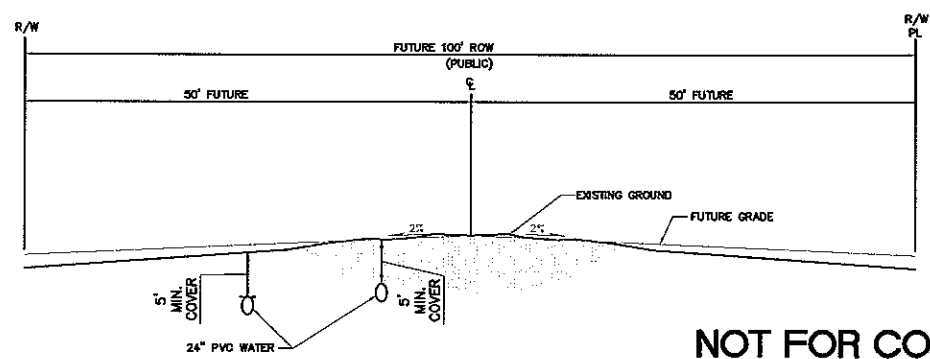
G HOPE ROAD - STREET SECTION
DT1 PUBLIC STREET N.T.S.



H NEWGARD DRIVE - STREET SECTION
DT1 PUBLIC STREET N.T.S.

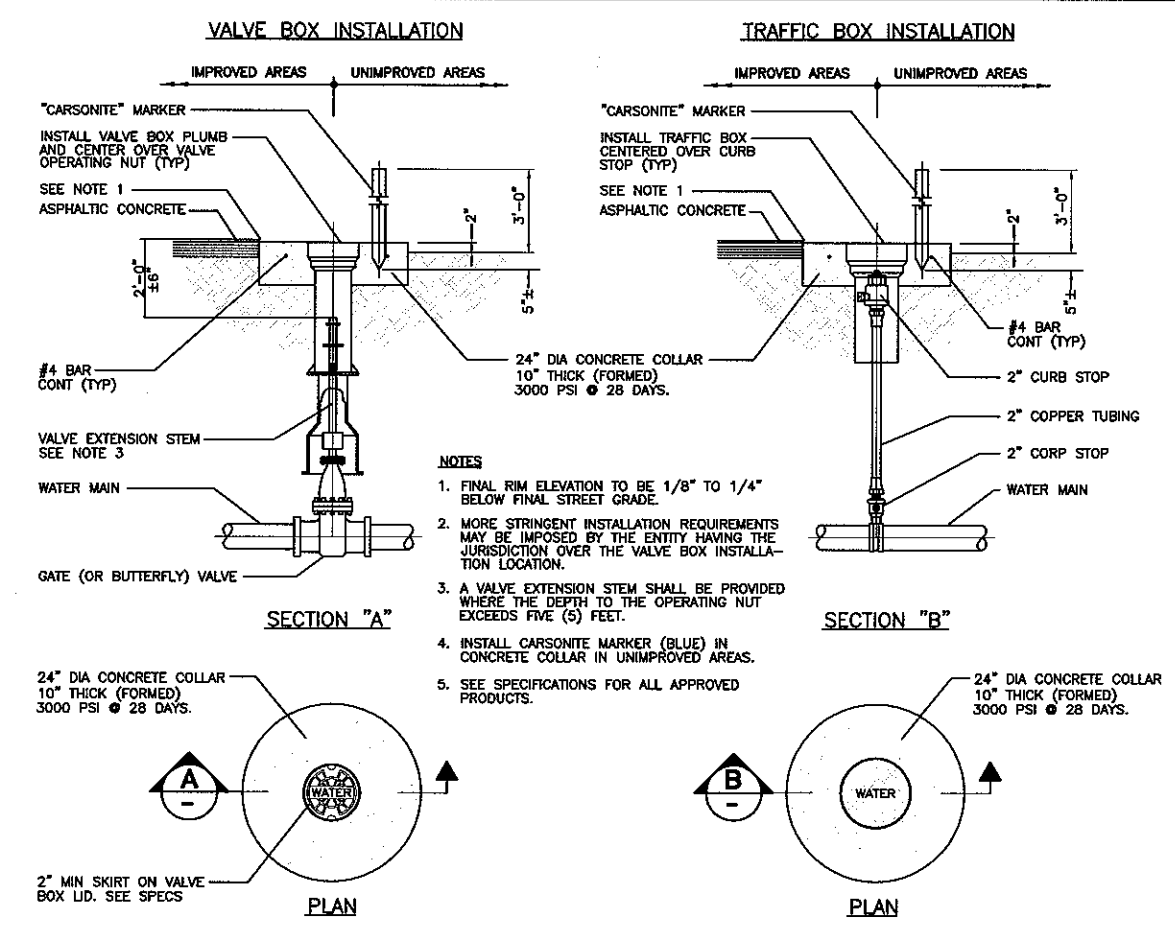


E BOLSA DRIVE - STREET SECTION
DT1 PUBLIC STREET N.T.S.



F BOLSA DRIVE - STREET SECTION
DT1 PUBLIC STREET N.T.S.

**NOT FOR CONSTRUCTION
PRELIMINARY**



VALVE BOX AND TRAFFIC BOX INSTALLATION
NOT TO SCALE PL10-8 012600 DT1
(SEE M.A.G. STANDARD DETAIL # 391-1)



SCALE (H) 1" = 10'	SCALE (V) N.T.S.	DRAWN BY ENG	CHECKED BY DLA	DATE 11/22/05
--------------------	------------------	--------------	----------------	---------------

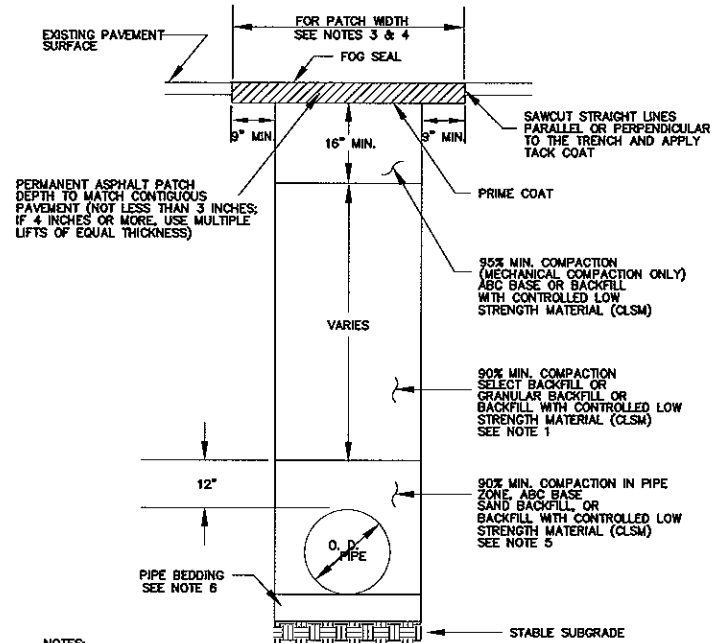
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-5988 Fax (702) 369-9793
www.stanleyconsultants.com

Stanley Consultants Inc.

**RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE
STREET SECTION DETAIL**

**SHEET
DT-1
26 OF 31 SHEETS**

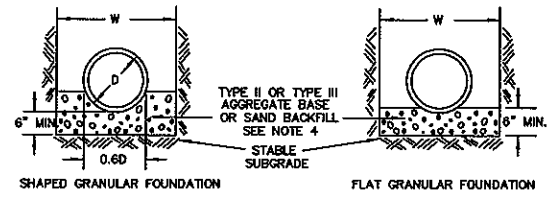
SC PROJECT# 18449.07.04



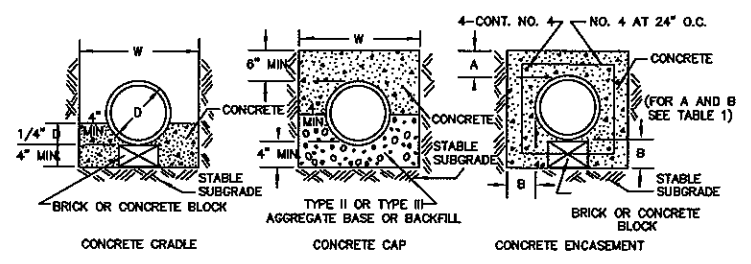
A THRUST BLOCK DETAILS
PUBLIC STREET
N.T.S.
(SEE M.A.G. STANDARD DETAIL # 380 AND 381 FOR VERT. BENDS)

- NOTES:**
1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
 2. IF SAWCUT IS WITHIN THREE FEET OF EDGE OF EXISTING ASPHALT CONCRETE SURFACE OR OTHER PATCH, REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
 3. PATCHES SHALL BE WIDTH (4 FEET MINIMUM) SUFFICIENT TO ACCOMMODATE MECHANICAL PLACEMENT USING AGENCY APPROVED SPREADER BOX OR PAVING MACHINE, ROLLING AND COMPACTION PER UNIFORM STANDARD SPECIFICATION SECTION 401.03.11.
 4. FOR CONDUIT TRENCHES 6 INCHES WIDE OR LESS WITHIN 2 FEET OF THE CURB, PATCHES SHALL EXTEND A MINIMUM OF 4 FEET FROM LIP OF GUTTER AND PAVEMENT SHALL BE REMOVED TO CURB AND GUTTER. WIDTH SHALL BE SUFFICIENT TO ACCOMMODATE MECHANICAL PLACEMENT USING AGENCY APPROVED SPREADER BOX OR PAVING MACHINE, ROLLING AND COMPACTION PER UNIFORM STANDARD SPECIFICATION SECTION 401.03.11. SAWCUT SHALL NOT BE PLACED IN WHEEL PATH AREA.
 5. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE AGENCY REQUIREMENTS.
 6. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
 7. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.
 8. ABC BASE PER MOHAVE COUNTY STD. SECTION 702 AND 601.

C TRENCH BACKFILL DETAIL
PUBLIC STREET
N.T.S.
(SEE MOHAVE COUNTY DETAIL # 200-1 AND 200-2)



CLASS B BEDDING (NORMAL BEDDING)



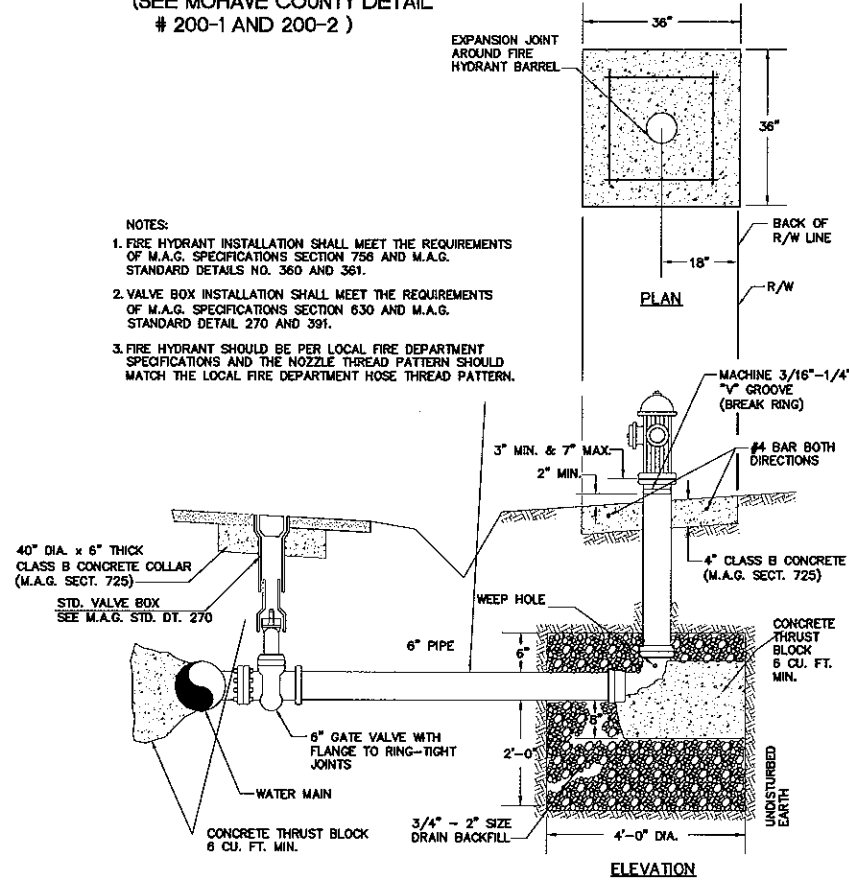
CLASS A BEDDING (CONCRETE BEDDING)

TABLE 1					
PIPE SIZE	B	A	PIPE SIZE	B	A
6"	4"	4"	24"	8"	6"
8"	4"	4"	27"	7"	6"
10"	4"	4"	30"	8"	6"
12"	4"	4"	33"	8"	6"
15"	4"	4"	36"	9"	6"
18"	5"	5"	39"	9"	6"
21"	5"	5"	42"	10"	6"

D = OUTSIDE DIAMETER OF PIPE
W = OUTSIDE DIAMETER OF PIPE + 24" MAXIMUM

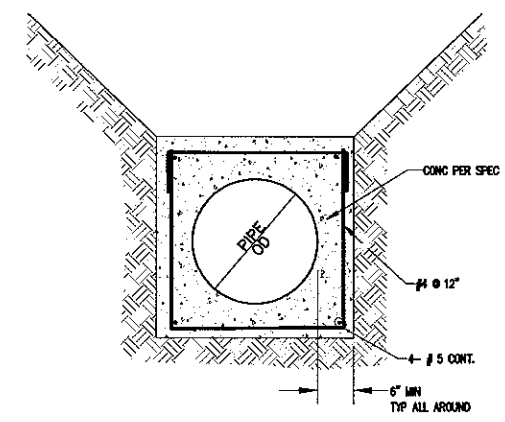
- NOTES:**
1. PIPE BEDDING TO BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY. SUBGRADE SHALL CONFORM TO RESPECTIVE ENTITY REQUIREMENTS.
 2. INDICATED THICKNESS OF BEDDING MATERIAL TO BE CONSTRUCTED UNDER THE BARREL. SUBGRADE TO BE EXCAVATED TO PROVIDE 2" CLEARANCE UNDER THE BELL.
 3. OTHER BEDDING METHODS MAY BE SPECIFIED OR APPROVED.
 4. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY.

B PIPE TRENCH BEDDING METHODS
PUBLIC STREET
N.T.S.



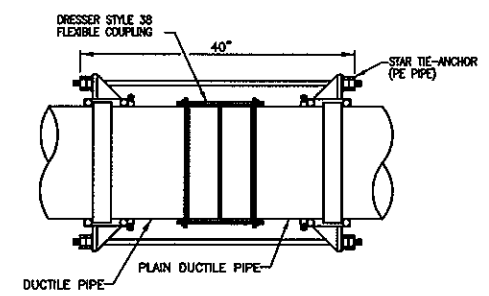
- NOTES:**
1. FIRE HYDRANT INSTALLATION SHALL MEET THE REQUIREMENTS OF M.A.G. SPECIFICATIONS SECTION 755 AND M.A.G. STANDARD DETAILS NO. 360 AND 361.
 2. VALVE BOX INSTALLATION SHALL MEET THE REQUIREMENTS OF M.A.G. SPECIFICATIONS SECTION 630 AND M.A.G. STANDARD DETAIL 270 AND 391.
 3. FIRE HYDRANT SHOULD BE PER LOCAL FIRE DEPARTMENT SPECIFICATIONS AND THE NOZZLE THREAD PATTERN SHOULD MATCH THE LOCAL FIRE DEPARTMENT HOSE THREAD PATTERN.

D FIRE HYDRANT ASSEMBLY DETAIL
PUBLIC STREET
N.T.S.

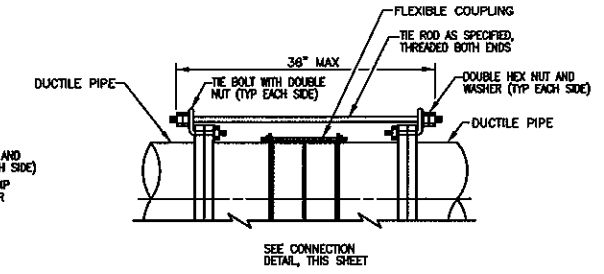
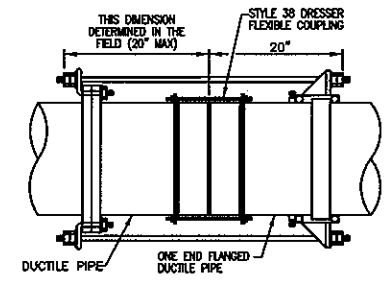


E CONCRETE ENCASEMENT DETAIL
N.T.S.

NOT FOR CONSTRUCTION
PRELIMINARY



F FLEXIBLE COUPLING DETAIL - A-P12
NOT TO SCALE
DT2



DOUBLE MECHANICAL JOINT

PIPE SIZE	TIE ROD DIA	NO. TIE RODS REQ'D	TIE BOLT DIA
8"	1/2"	2	1/2"
10"	3/4"	4	3/4"
12"	1"	4	1"
14"	1 1/4"	4	1 1/4"
16"	1 1/2"	4	1 1/2"
18"	1 3/4"	6	1 3/4"
24"	2"	10	2"
36"	2 1/2"	20	2 1/2"

- NOTES:**
1. PROVIDE TIE RODS WHERE FLEXIBLE COUPLING RESTRAINTS ARE SPECIFIED AND AT ALL OTHER LOCATIONS INDICATED ON THE DRAWINGS.
 2. ORIENT AND SPACE TIE RODS AS REQUIRED TO EVENLY DISTRIBUTE PIPE PRESSURE.

Stanley Consultants INC.

5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-3326 Fax (702) 369-9793
www.stanleyconsultants.com

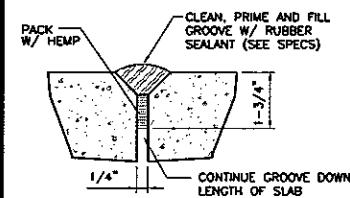
PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE
DETAIL SECTN

ARIZONA
MOHAVE COUNTY

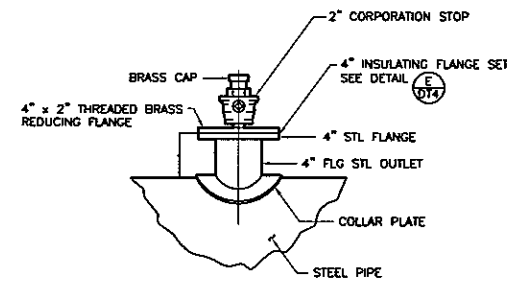
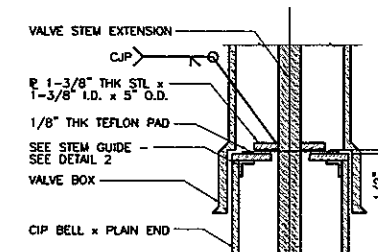
SHEET
DT-2
27 OF 31 SHEETS
SCI PROJECT#
18449.07.04



SHEET
DT-3
28 OF 31 SHEETS
SCI PROJECT#
18449.07.04



INSULATING FLANGE SET DETAIL
NOT TO SCALE



VALVE BOX AND COVER
SEE DETAIL 1

TYLER SLIP TYPE ADJUSTABLE RISER
MODEL NO. 6855, ITEM NO. 564-A
OR APPROVED EQUAL

2" SQ OPERATING
NUT - SEE DETAIL 3

1-1/4" Ø SOLID STEEL
VALVE STEM EXTENSION

SEE GUIDE PLATE -
SEE DETAIL 1

6-13/16" O.D. (6" I.D.) CIP
BELL x PLAIN END

VAULT ROOF
SLAB

6" DIA BLOCK OUT
AS REQUIRED

SEE UNIVERSAL JOINT

ADAPT BUTTERFLY VALVE
HAND WHEEL W/2" SQ AWWA
OPERATING NUT.

EXIST. PAVED AREA

2'-0"

1'-0" MIN

6" ID CIP

2-3/8" I.D.

3/16"

1" x 1" x 3/8"

6-3/4"

3/16" V TYP

2" SQ AWWA
OPERATING NUT

CLR

RISER

3/8" x 5" DIA.

3/16"

STEM GUIDE - DETAIL 2

OPERATING NUT - DETAIL 3

OPERATING NUT - DETAIL 3

VALVE BOX ON VAULT DETAIL (H)
NOT TO SCALE PLO5-7 020501 DT4

DRILL 9/16" HOLE FOR INSTALLATION OF ADHESIVE ANCHOR

ADHESIVE CARTRIDGE, HILTI - HIP M12-1/2" OR APPROVED EQUAL. INSTALL CARTRIDGE PRIOR TO INSTALLATION OF SS ANCHOR ROD

FLAT BAR BRACKET, DRILL 7/8" x 1-1/4" LONG HOLES (TYP). SEE TABLE BELOW FOR FLAT BAR SIZE AND SPACING

1/2" x 6-1/2" SSTL ANCHOR ROD, HILTI - HAS SS12-612 OR APPROVED EQUAL. INSTALL SS ANCHOR ROD AND ADHESIVE CARTRIDGE PER MANUFACTURER'S SPECIFICATIONS

SHIM WITH SSTL WASHERS AS REQUIRED

CUT ANCHOR ROD TO ALLOW THREE (3) THREADS TO PROTRUDE FROM ANCHOR NUT AS REQUIRED

SEE ANCHOR INSTALLATION

Vault WALL

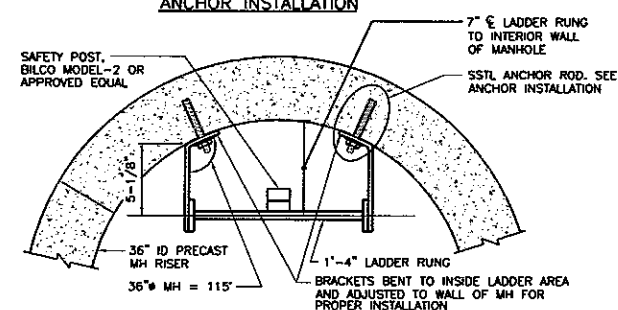
LADDER RUNG

3"

1'-4"

LADDER IN VAULT

ANCHOR INSTALLATION

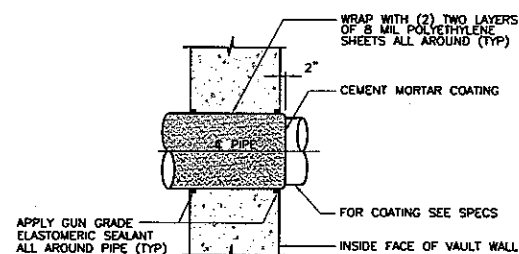


LADDER IN MANHOLE

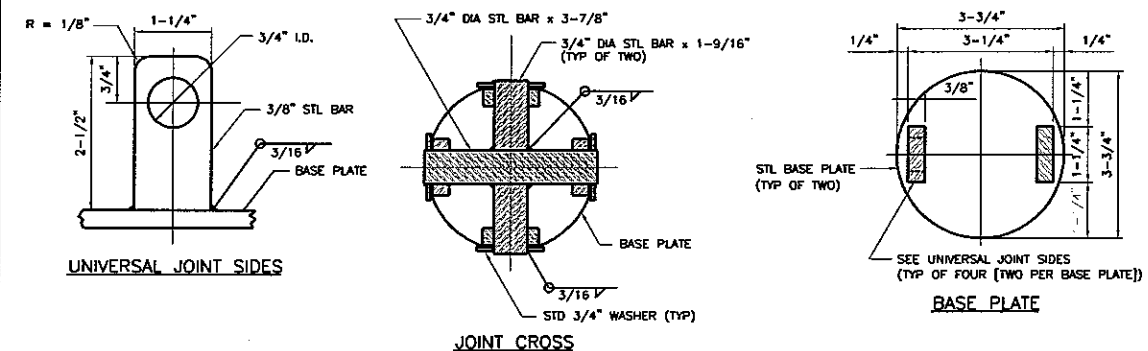
NOTES

1. LANDING PLATFORM REQUIRED EVERY 20'-0" OF HEIGHT OR FRACTION THEREOF FOR OPEN LADDER. FOR LADDER WITH GAGE, PLATFORM SPACING IS 30'-0" MAX (OSHA 1910.27).
2. APPROVAL OF THE ENGINEER REQUIRED FOR ANY BRACKET SPACING OVER 5'-0" OC (SEE BRACKET SPACING TABLE FOR BAR SIZE).
3. LADDER SHALL BE MADE OF MILD CARBON STEEL WITH 3/4" SMOOTH BAR RUNGS GALV WELDED TO RUNNERS.
4. GALVANIZE LADDER ASSEMBLY AFTER WELDING.

LADDER INSTALLATION DETAILS
NOT TO SCALE PL05-6 022801

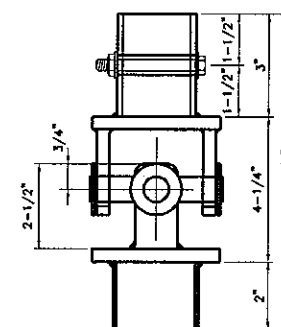


WALL PENETRATION DETAIL
NOT TO SCALE



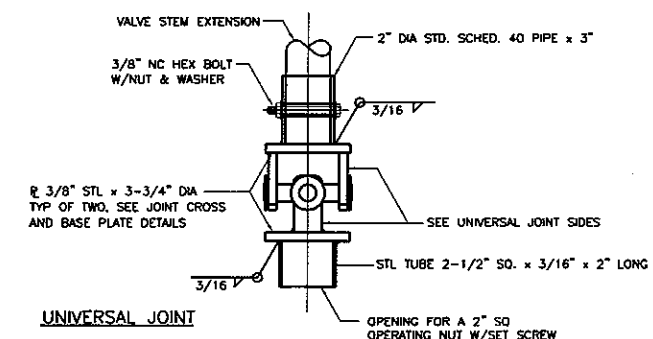
UNIVERSAL JOINT SIDES

JOINT CROSS



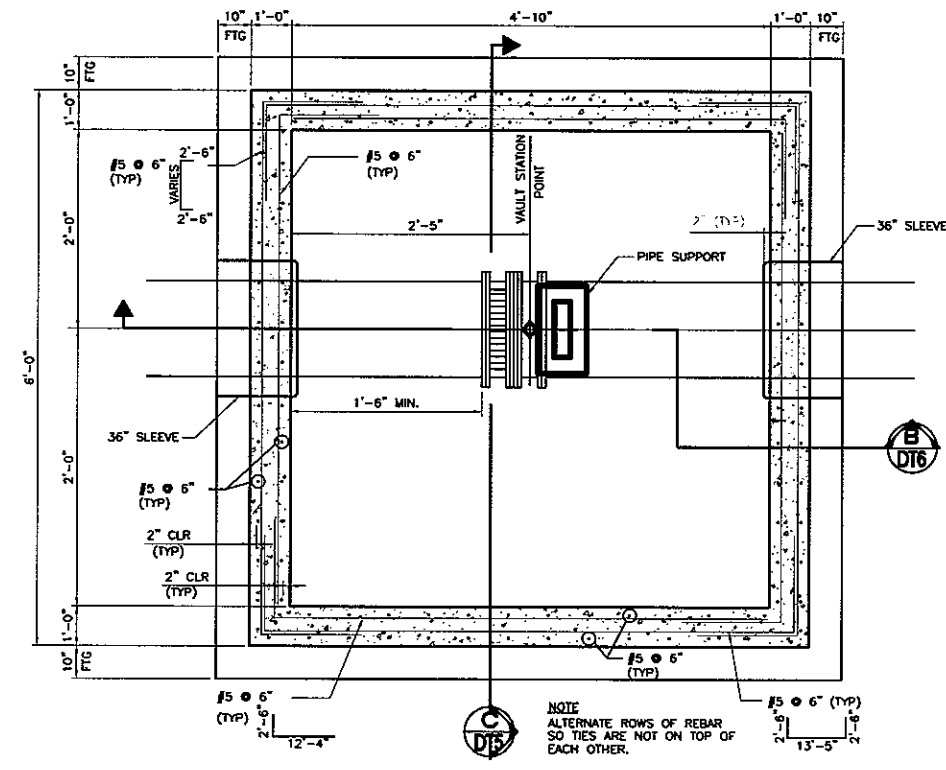
NOTE
ASSEMBLY SHALL BE GALVANIZED AFTER WELDING.

UNIVERSAL JOINT DETAIL
NOT TO SCALE PL05-8 020501 (D)



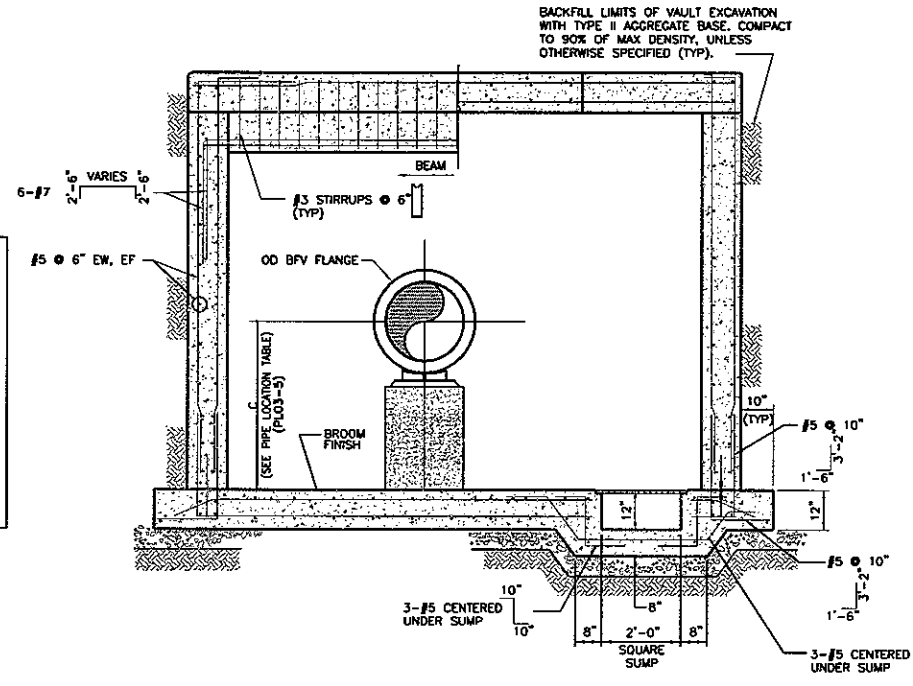
UNIVERSAL JOINT



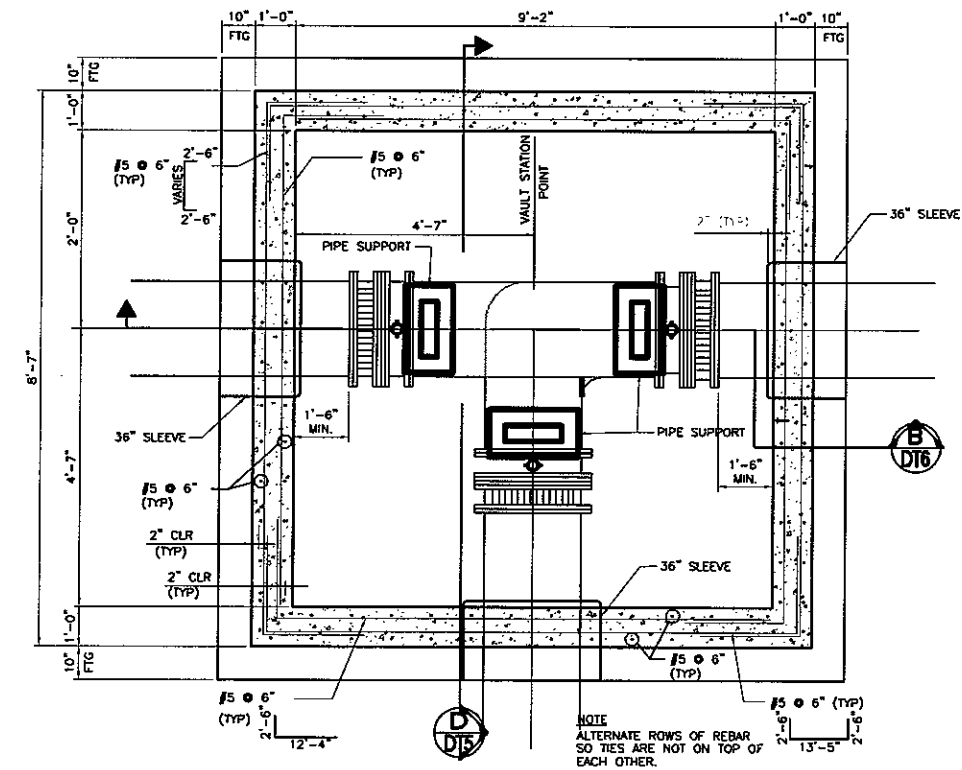


VALVE VAULT SECTIONAL PLAN
WITH (1) VALVE AND NO TEE
NOT TO SCALE

DESIGNER NOTES:
1. EACH VAULT SHOWN ON THE PIPELINE PLAN SHALL BE DETAILED WITH A STRUCTURAL PLAN, A MECHANICAL PIPING PLAN AND ALL OTHER REQUIRED SECTIONS AND DETAILS. THE VAULT PLANS SHALL INDICATE THE PIPE LINE STATION REFERENCED TO THE VAULT STATIONING POINT, THE VAULT ORIENTATION TO NORTH, THE LOCATION AND PLAN ORIENTATION OF ALL OF THE VAULT APPURTENANCES AND THE MANHOLE ACCESS COVER.
2. EACH VAULT PLAN, SECTIONS AND DETAILS SHALL INDICATE ALL LAYOUT DIMENSIONS AS DETERMINED BY THE DESIGN ENGINEER OR AS REFERENCED TO DIMENSIONS ON THE "VAULT DIMENSION TABLE" PLO3-6 AND THE "PIPE LOCATION TABLE" PLO3-5 IN THESE STANDARD DETAILS.
(DESIGNER NOTES TO BE DELETED FROM DRAWING)

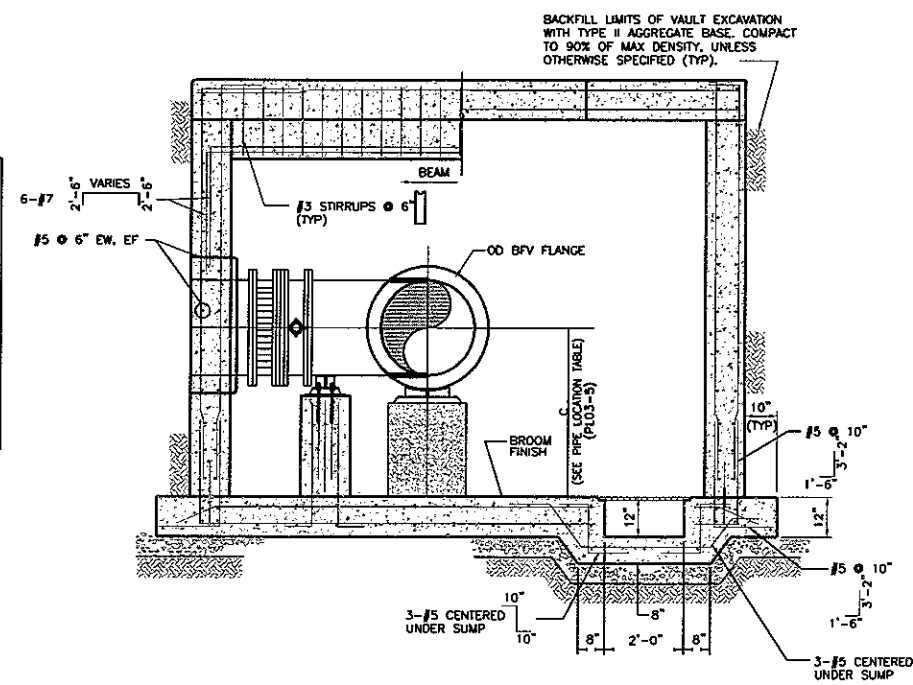


VALVE VAULT SECTION
WITH (1) VALVE AND NO TEE
NOT TO SCALE



VALVE VAULT SECTIONAL PLAN
WITH (3) VALVE AND TEE
NOT TO SCALE

DESIGNER NOTES:
1. EACH VAULT SHOWN ON THE PIPELINE PLAN SHALL BE DETAILED WITH A STRUCTURAL PLAN, A MECHANICAL PIPING PLAN AND ALL OTHER REQUIRED SECTIONS AND DETAILS. THE VAULT PLANS SHALL INDICATE THE PIPE LINE STATION REFERENCED TO THE VAULT STATIONING POINT, THE VAULT ORIENTATION TO NORTH, THE LOCATION AND PLAN ORIENTATION OF ALL OF THE VAULT APPURTENANCES AND THE MANHOLE ACCESS COVER.
2. EACH VAULT PLAN, SECTIONS AND DETAILS SHALL INDICATE ALL LAYOUT DIMENSIONS AS DETERMINED BY THE DESIGN ENGINEER OR AS REFERENCED TO DIMENSIONS ON THE "VAULT DIMENSION TABLE" PLO3-6 AND THE "PIPE LOCATION TABLE" PLO3-5 IN THESE STANDARD DETAILS.
(DESIGNER NOTES TO BE DELETED FROM DRAWING)



VALVE VAULT SECTION
WITH (3) VALVE AND TEE
NOT TO SCALE

NOT FOR CONSTRUCTION
PRELIMINARY



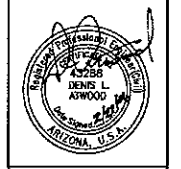
DATE	11/22/05
CHECKED BY	DIA
DRAWN BY	ENG
SCALE (V) N.T.S.	
SCALE (H) N.T.S.	

STANLEY CONSULTANTS INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9395 Fax (702) 369-9753
www.stanleygroup.com

Stanley Consultants Inc.

PHOENIX ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE
DETAIL SECTN
MOHAVE COUNTY ARIZONA

SHEET
DT-5
30 OF 31 SHEETS
SCI PROJECT#
18449.07.04



DATE	11/22/05
DESIGNED BY	ENG
CHECKED BY	DLA
DRAWN BY	ENG
SCALE (V)	N.T.S.
SCALE (H)	N.T.S.

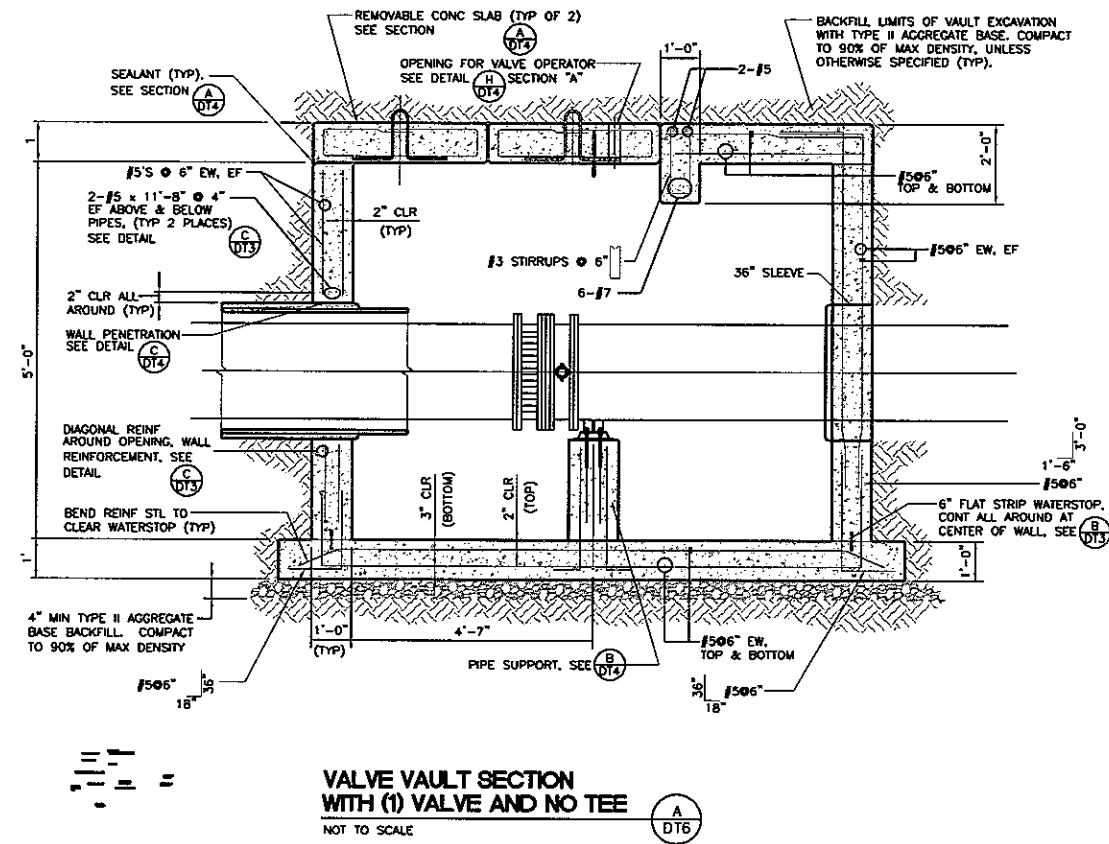
DATE	11/22/05
CHECKED BY	DLA
DRAWN BY	ENG
SCALE (V)	N.T.S.
SCALE (H)	N.T.S.

5820 S. Eastern Avenue, Suite 200
Los Angeles, Nevada 89115
(702) 369-9386 Fax (702) 369-9793
www.stanleygroup.com

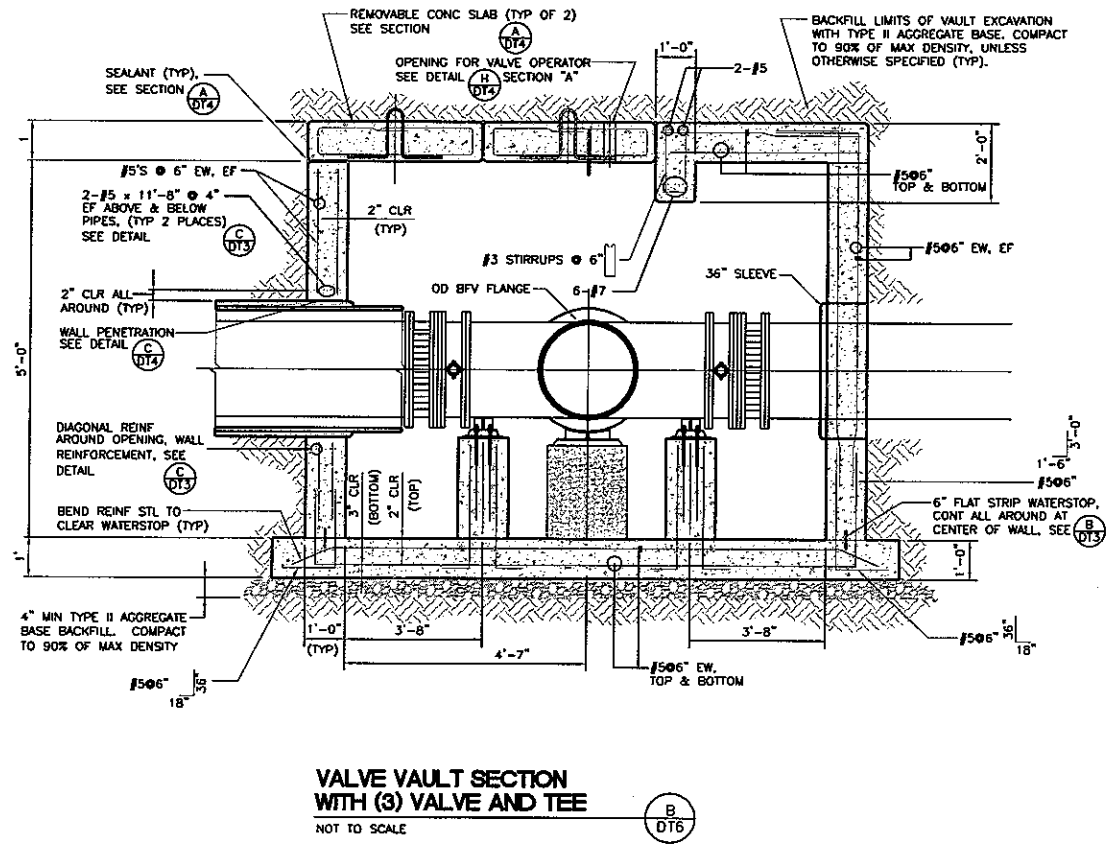
Stanley Consultants INC.

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE
DETAIL SECTN
MOHAVE COUNTY ARIZONA

SHEET	DT-6
31 OF 31 SHEETS	
SCI PROJECT#	18449.07.04



**VALVE VAULT SECTION
WITH (1) VALVE AND NO TEE**
NOT TO SCALE



**VALVE VAULT SECTION
WITH (3) VALVE AND TEE**
NOT TO SCALE

NOT FOR CONSTRUCTION
PRELIMINARY

Q:\18449\dwg TEC-RD-EXTENSION\Imp-Plans 30%\PH1\AZTEC-RD-EXT_DETAIL 3, 2/28/2006 9:25:40 AM, \\vg-ps1\hp5100-eng ST-RH035631